



NATIONAL LIBRARY OF MEDICINE

volume 6 number 1  
january 1973

# monthly bibliography of medical reviews

## NATIONAL LIBRARY OF MEDICINE PUBLICATIONS

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**Index Medicus:** Published monthly as a bibliographic listing of references to current articles from approximately 2,200 of the world's biomedical journals. Included are subject and author sections and a separate Bibliography of Medical Reviews. *Medical Subject Headings* is included as Part 2 of the January issue. Annual subscription: \$113.00 (\$141.25 foreign); single issues \$9.00.  
HE 20.3612:

**Cumulated Index Medicus, Volume 12:** A cumulation in eight volumes of the approximately 206,000 citations appearing in *Index Medicus* in 1971. Included are author and subject sections, *Medical Subject Headings*, List of Journals Indexed, and Bibliography of Medical Reviews. Price: \$84.00 (\$99.25 foreign).  
HE 20.3612/3:12

**Abridged Index Medicus:** A monthly bibliography, based on articles from 100 English-language journals, designed for the individual practitioner and libraries of small hospitals and clinics. Annual subscription: \$21.50 (\$27.00 foreign); single issues \$2.00.  
HE 20.3612/2:

**Cumulated Abridged Index Medicus, 1971:** A cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* in 1971. Contains subject and author sections. Price: \$10.00 (\$12.50 foreign). [1970: same price as 1971.]  
HE 20.3612/2-2:

**Medical Subject Headings:** Published as Part 2 of the January *Index Medicus*. The approximately 8,000 subject headings in the 1972 *MeSH* are arranged alphabetically, with cross references, and in categorized lists. (Included with subscription to *Index Medicus*, also available separately for \$5.50.)  
HE 20.3612:13/1 pt 2

**List of Journals Indexed in Index Medicus, 1972:** Contains four listings of journals indexed: title, abbreviation, subject, and geographical. Price: \$1.25.  
HE 20.3612/4:972

**Monthly Bibliography of Medical Reviews:** A series designed to provide quick guidance to the latest reviews in the journal literature of biomedicine. Each issue duplicates the material appearing in the Bibliography of Medical Reviews section of the corresponding monthly issue of *Index Medicus*. Annual subscription: \$8.00 (\$10.00 foreign); single issues \$0.40.  
HE 20.3610:

**Bibliography of Medical Reviews, 1966-70:** A cumulation of citations to reviews for the period 1966-70; subject index only. Price: \$6.75.  
HE 20.3610/2:966-70

**NLM Current Catalog:** A bibliographic listing of citations to publications cataloged by the Library. Issued in three forms: (a) monthly (name section only), (b) quarterly (noncumulating, subject and name sections), (c) annual cumulation (subject and name sections). Prices: (a) 12 monthly issues—\$13.50 (\$17.00 foreign), single issues \$1.25; (b) 4 three-month cumulations (quarterlies)—\$23.50 (\$29.50 foreign), single issues \$6.00; (c) annual cumulation (1971) \$16.50 (\$20.75 foreign); 1970—\$16.25 (\$20.35 foreign).  
HE 20.3609:

**NLM Current Catalog, 1965-70:** An eight-volume cumulation representing NLM's complete store of machine-readable cataloging through 1970, including a catalog of technical reports. Price: \$71.75 (\$80.00 foreign).  
HE 20.3609/3:965-70

**Toxicity Bibliography:** A quarterly publication covering the adverse and toxic effects of drugs and chemicals reported in the approximately 2,200 journals indexed for *Index Medicus*. Annual subscription: \$25.00 (\$31.25 foreign); single issues \$6.50.  
HE 20.3613:

**Index to the Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health:** designed to assist users in rapidly finding information in the *Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health* (known as the "Mrak Report," 1969, GPO, price: \$3.00). Contains Chemical Substance Index, Subject Index, and Bibliography. 1972. Price: \$1.25.  
HE 20.3602:P43

**Selected References on Environmental Quality as It Relates to Health:** A monthly bibliography which provides a subject/author index to journal articles covering aspects of environmental pollution that concern health. Annual subscription: \$7.00 (\$8.75 foreign); single issues \$0.65.  
HE 20.3616

**Current Bibliography of Epidemiology:** A monthly bibliography of articles concerning the etiology, epidemiology, prevention, and control of disease. Annual subscription: \$22.50 (\$28.25 foreign); single issues \$2.25.  
HE 20.3617:

**International Bibliography of Medicolegal Serials, 1736-1967:** An annotated listing of serials on legal medicine and related fields. Includes six indexes (title, editor, publisher and sponsor, subject, geographical, and chronological). 1969. Price: \$1.25.  
FS 2.209:M46/736-967

**Bibliography of the History of Medicine, No. 5 (1965-1969):** Cumulative volume, including Nos. 1-4 plus approximately 3,800 new citations. (Numbers 3, 1967, and 4, 1968, available separately at \$2.75 each.) Casebound. 1972. Price: \$12.00 (\$15.00 foreign).  
HE 20.3615:5

**A Catalogue of Sixteenth Century Printed Books in the National Library of Medicine:** Over 4,800 rare sixteenth century printed volumes from NLM's History of Medicine Division collection are listed. Some 1,500 printers and publishers and 188 different printing centers in 14 European countries are indexed in detail. Casebound. 1967. 698 pages. Price: \$5.25  
HE 20.3614:Si9

**A Catalogue of Incunabula and 16th Century Printed Books in the National Library of Medicine:** First Supplement. Casebound. 51 pages. 1971. Price: \$2.75.  
HE 20.3614:Si9/Supp.

**Prints Relating to Dentistry:** A 36-page booklet containing reproductions of 67 prints illustrating the history of dentistry, from the Library's extensive collection of pictures of nonclinical medical interest. PHS Pub. No. 1605. 1967. Price: \$0.50. FS 2.202:D43

**National Library of Medicine Classification: A Scheme for the Shelf Arrangement of Books in the Field of Medicine and Its Related Sciences.** Third Edition, 1964, with 1969 Supplement. PHS Pub. No. 1108, Reprinted 1969. Price: \$2.75 (\$3.45 foreign).  
HE 20.3602:C56/969

**Film Reference Guide for Medicine and Allied Sciences:** Published for the Federal Advisory Council on Medical Training Aids. The 1970 edition contains information on approximately 2,000 films. PHS Pub. No. 487, Revised 1970. Price: \$2.75. HE 20.3608/2:970

**MEDLARS: 1963-1967:** Description of NLM's computer-based Medical Literature Analysis and Retrieval System (MEDLARS), emphasizing technical aspects of MEDLARS development. 76 pages with illustrations. PHS Pub. No. 1823. 1968. Price: \$0.75.  
FS 2.202:M46/3

**Principles of MEDLARS:** A 77-page booklet for the user of MEDLARS publications and search services, describing the intellectual processes and interactions involved in the provision of MEDLARS bibliographies. 1970. Price: \$0.75. HE 20.3608:M46/2

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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
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**Monthly bibliography of medical reviews.**

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[Bethesda, Md.] National Library of Medicine.

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References cited appear also in Index medicus.

1. Medicine - indexes I. National Library of Medicine.

**1973 SUBSCRIPTION PRICES**

**MONTHLY BIBLIOGRAPHY OF MEDICAL REVIEWS**

The *Monthly BMR* is a series designed to provide quick guidance to the latest reviews in the journal literature of biomedicine. Each monthly issue duplicates the material appearing in the Bibliography of Medical Reviews section of the corresponding monthly issue of *Index Medicus*. Price for one year's subscription (twelve monthly issues): \$8.00 (\$10.00 foreign); single issues \$0.75.

Use of funds for printing this publication has been approved by the Director of the Bureau of the Budget, September 22, 1967.



U.S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE  
Public Health Service  
National Institutes of Health  
5600 Fishers Lane, Room 7N  
Bethesda, Maryland 20892



## INTRODUCTION

In 1948 at a Royal Society Scientific Information Conference, J. D. Bernal reported on a preliminary analysis of a study on the use of scientific literature. The object of the questionnaire was to find out directly from working scientists what they had read, why they had read it, and what use they had made of the information. In his report, Bernal stated that an overwhelming proportion of scientists read and appreciated reviews and that reviews formed a very important and increasing part of general background reading.

The reading habits of medical investigators, clinicians, and educators, and of workers in fields allied to medicine amply confirm today the observations of Bernal some twenty years ago. Indeed, as biomedical literature expands, the need for reviews appears more obvious.

Accordingly, in keeping with its tradition of service to the health professions, the National Library of Medicine is issuing its Bibliography of Medical Reviews as a separate monthly publication. We will continue to list reviews in Index Medicus as well.

Through the Monthly Bibliography of Medical Reviews, the Library hopes to provide health professionals with an easily accessible desk reference tool for guidance to the latest reviews in the journal literature of biomedicine.

Medical reviews are defined by the Library as articles which are well-documented surveys of the recent biomedical journal literature. In most cases the articles include a list of references either in the body of the paper or as a bibliography. Articles which include case reports are considered reviews only when the case report serves to document the subject of the review.

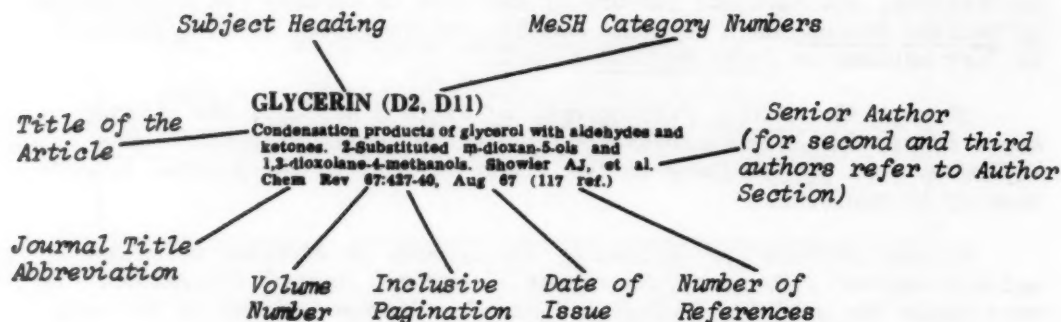
Articles with the following characteristics are not considered as reviews in this bibliography: case reports or original research articles containing a review of the literature as an adjunct; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

## SUBJECT HEADINGS

Users of Monthly Bibliography of Medical Reviews will find an acquaintance with Medical Subject Headings (MeSH) useful in determining which subject headings are most appropriate for their needs. MeSH, the National Library of Medicine's authority list, is the technical language which provides controlled subject access to the biomedical literature indexed for MEDLARS. MeSH is published as Part 2 of the January Index Medicus (see list of publications, inside front cover).

Although the most specific terms available in MeSH are used in indexing articles for Index Medicus, broader headings are used for reviews to enable grouping of similar material.

## SAMPLE CITATION



# NATIONAL LIBRARY OF MEDICINE LITERATURE SEARCHES

These bibliographies are reprints of literature searches requested by individual physicians, scientists, and other health professionals, and are considered to be of wide interest. Single copies may be ordered by number and title from NLM at no charge.

L.S. No.	Title	L.S. No.	Title
1-69	Psychotherapy in alcoholism. January 1964—August 1968. (160 citations)	70-17	Conditioned learning in the brain damaged child. January 1967—March 1970. (75 citations)
2-69	Psychotherapy in drug addiction or abuse. January 1964—August 1968. (50 citations)	70-18	Dietary fats and cardiovascular disease. January 1967—March 1970. (174 citations)
3-69	Psychotropic drug addiction or withdrawal symptoms in man. January 1964—August 1968. (207 citations)	70-19	Medicine in Vietnam. January 1964—December 1969. (451 citations)
4-69	Cannabis toxicology. January 1964—August 1968. (55 citations)	70-20	Medical aspects of civil disorders. January 1967—March 1970. (36 citations)
5-69	Heart transplantation. January 1964—August 1968. (180 citations)	70-21	Treatment of burns. January 1967—April 1970. (523 English language citations)
6-69	Kidney transplantation in man. January 1964—June 1968. (651 citations)	70-22	Lithium in humans. January 1967—April 1970. (190 citations)
7-69	Progestational or estrogenic hormones and human lipid metabolism. January 1964—August 1968. (51 citations)	70-23	Surgery in obstructive coronary artery disease. January 1967—April 1970. (228 English language citations)
8-69	Programs for rehabilitation of the aged. January 1964—August 1968. (115 citations)	70-24	The pregnant adolescent. January 1967—April 1970. (94 English language citations)
9-69	Sarcoidosis. January 1966—December 1968. (546 citations)	70-25	North American Indian and Eskimo health. January 1967—April 1970. (233 citations)
10-69	Insect control by sexual sterilization. Supplement to L.S. 15-68. September 1968—October 1969. (59 citations)	70-26	Fatigue countermeasures. January 1967—May 1970. (65 citations)
11-69	Toxicity of pesticides to man. Supplement to L.S. 27-68. August 1968—October 1969. (241 citations)	70-27	Enzymes and dental disease. January 1967—May 1970. (142 citations)
70-1	Drug therapy of alcoholism. January 1967—December 1969. (323 citations)	70-28	Amniocentesis. January 1967—May 1970. (56 citations)
70-2	Adverse effects of oral contraceptives. January 1967—December 1969. (469 citations)	70-29	Psychiatric aspects of abortion. January 1967—April 1970. (87 citations)
70-3	Mortality or self-destructive behavior in drug abuse. January 1967—December 1969. (59 citations)	70-30	Automation or use of computers in laboratory diagnosis. January 1968—April 1970. (419 citations)
70-4	Non-nutritive sweeteners. January 1964—December 1969. (66 citations)	70-31	Teaching aids in special education. January 1967—May 1970. (116 citations)
70-5	Drug abuse and crime. January 1967—December 1969. (73 citations)	70-32	Psychological response to hemodialysis. January 1967—May 1970. (52 citations)
70-6	The effects of diet and nutrition on learning. January 1967—December 1969. (61 citations)	70-33	Antilymphocyte serum—human applications. January 1967—April 1970. (168 citations)
70-7	Dyslexia. January 1967—December 1969. (162 citations)	70-34	Gastrin release. January 1967—May 1970. (86 citations)
70-8	Health care for the poor in the United States. January 1967—December 1969. (132 citations)	70-35	Psychological aspects of transplantation. January 1967—May 1970. (63 citations)
70-9	Programmed instruction in medicine and allied professions. January 1967—December 1969. (108 citations)	70-36	Clinical aspects of chelating agents. January 1967—June 1970. (517 citations)
70-10	Computer applications in human electrocardiography. January 1964—December 1969. (284 citations)	70-37	Metal implants in humans. January 1967—June 1970. (319 citations)
70-11	Medical care in developing countries. January 1967—December 1969. (299 citations)	70-38	Assisted circulation. January 1967—June 1970. (179 citations)
70-12	Risk of infection in the microbiology laboratory. January 1967—December 1969. (143 citations)	70-39	Pesticides and ecosystems. January 1967—July 1970. (527 citations)
70-13	Adverse effects of food additives. January 1967—December 1969. (41 citations)	70-40	Health aspects of mining. January 1967—July 1970. (213 citations)
70-14	DOPA in neuromuscular disorders. January 1967—March 1970. (98 citations)	70-41	Sport medicine. January 1967—July 1970. (356 citations)
70-15	Psychopharmacology in geriatrics. January 1967—March 1970. (189 citations)	70-42	Genetics and socially deviant behavior. January 1967—June 1970. (137 citations)
70-16	Control of obesity by diet. January 1967—March 1970. (98 citations)	70-43	Prostaglandins and smooth muscles. January 1967—July 1970. (147 citations)
		70-44	Psychological aspects of asthma. January 1968—September 1970. (115 citations)
		70-45	Mercury contamination of water, aquatic organisms, and foods. January 1968—September 1970. (82 citations)

L.S. No.	Title	L.S. No.	Title
70-46	The arts in therapy. January 1968—September 1970. (101 citations)	71-24	Venezuelan equine encephalitis virus. January 1969—October 1971. (85 citations)
70-47	Geriatric dentistry. January 1968—November 1970. (113 citations)	71-25	Quality control, reliability and standards in clinical laboratories. January 1969—October 1971. (273 English language citations)
70-48	Group interactions for social awareness; sensitivity training. January 1968—September 1970. (99 citations)	72-1	Acupuncture. January 1969—February 1972. (69 citations)
70-49	Cyclic AMP (adenosine cyclic 3', 5'-phosphate) and adenylyl cyclase. January 1968—September 1970. (656 citations)	72-2	Programmed instruction in medicine and allied health professions. January 1969—February 1972. (129 citations) This bibliography is an up-dating of Literature Search no. 70-9.
70-50	Urban environmental pollution. January 1968—November 1970. (107 citations)	72-3	Medical care in developing countries. (Supplement to LS 70-11) January 1970—April 1972. (400 citations)
71-1	Fetal monitoring during labor. January 1966—March 1971. (137 citations)	72-4	Hexachlorophene. January 1969—March 1972. (130 citations)
71-2	Genetic counseling. January 1968—March 1971. (92 citations)	72-5	Medicine and health in China. January 1969—March 1972. (173 citations)
71-3	Transplantation in the therapy of hearing disorders. January 1968—March 1971. (258 citations)	72-6	Drug therapy for hyperkinetic children. January 1969—March 1972. (64 citations)
71-4	Attitudes toward death. January 1968—March 1971. (295 citations)	72-7	Sickle cell anemia—diagnosis, pathology, complications and therapy. January 1969—April 1972. (339 citations)
71-5	Behavioral responses to animal interactions. January 1968—March 1971. (180 citations)	72-8	Vitamin C and the Common Cold. January 1969—April 1972 (25 citations)
71-6	Health aspects of occupational exposure to X-rays. January 1968—March 1971. (57 English language citations)	72-9	Electrical safety and hazards in the hospital. January 1969—March 1972. (102 citations)
71-7	Rabies in wildlife. January 1968—March 1971. (99 citations)	72-10	Audio-visual aids in the teaching of medicine. January 1969 through April 1972. (74 citations)
71-8	Emergency psychiatry. January 1968—March 1971. (176 citations) (Supplement to LS 4-68)	72-11	Audio-visual aids in the teaching of nursing. January 1969 through April 1972. (46 citations)
71-9	DNA polymerase. January 1968—March 1971. (276 citations)	72-12	Audio-visual aids in the teaching of dentistry. January 1969 through April 1972. (52 citations)
71-10	Oral manifestations of adverse drug reactions. January 1968—March 1971. (176 citations)	72-13	Audio-visual aids in the teaching of allied health occupations. January 1969 through April 1972. (39 citations)
71-11	Psychosocial response to factors in the urban environment. Mental health services in cities. January 1968—March 1971. (233 citations)	72-14	Sickle cell anemia — Epidemiologic, genetic, social, legal and ethical aspects. January 1969—May 1972. (116 citations)
71-12	Health hazards and hygiene in exposure to atomic radiation. January 1968—March 1971. (230 citations)	72-15	Malnutrition and mental development in man. January 1969—June 1972. (56 citations)
71-13	Maturity onset diabetes. January 1968—February 1971. (130 citations)	72-16	Toxicity of intentional food additives. January 1969—June 1972. (264 citations)
71-14	Sudden unexpected death in infants. January 1968—March 1971. (101 citations)	72-17	Vasectomy—psychosocial aspects. January 1969—June 1972. (52 citations)
71-15	Physicians' assistants. January 1968—December 1970. (73 citations)	72-18	Medicine in Vietnam. January 1969—June 1972. (337 citations)
71-16	Automated multiphasic screening. January 1969—June 1971. (75 citations)	72-19	Geriatric dentistry. (Supplement to LS 70-47) December 1970—June 1972. 90 citations.
71-17	Drugs in control of narcotic addiction. January 1969—June 1971. (86 citations)	72-20	Forensic dentistry. January 1969—June 1972. 163 citations.
71-18	Government role in financing the delivery of health care in the United States. January 1969—June 1971. (289 English language citations)	72-21	Provision of health care to the poor in the United States. January 1969—June 1972. 162 citations.
71-19	Government role in financing the delivery of dental care in the United States. January 1969—June 1971. (76 English language citations)	72-22	Lead poisoning in children. January 1969—June 1972. 100 citations.
71-20	Cannabis toxicology. September 1968—July 1971. (355 citations)	72-23	Diagnosis and therapy of gonorrhea. January 1969—June 1972. 189 citations in English.
71-21	Effects of hallucinogens on man. September 1968—August 1971. (609 English language or English abstract citations)	72-24	Care and maintenance of laboratory animals. January 1969—June 1972. 299 English language citations.
71-22	Drug withdrawal symptoms in man. September 1968—August 1971. (246 citations)	72-25	Physical management of rheumatoid arthritis. January 1969 through July 1972. 54 English language citations.
71-23	Psychotherapy in drug addiction or abuse. Supplement to Literature Search No. 2-69. September 1968—October 1971. (157 citations)	72-26	Mobile coronary care units. January 1969 through August 1972. 51 citations.
		72-27	Helicopter ambulance service. January 1969 through August 1972. 19 citations.



- 72-28 Ambulance service. January 1969 through August 1972. 29 citations.
- 72-29 Tay-Sachs Disease. January 1969 through August 1972. 98 citations.
- 72-30 Research and training support in medicine. January 1969 through August 1972. 225 citations in English.
- 72-31 Plastics and phthalate esters. January 1969 through September 1972. 135 citations.
- 72-33 Effects of noise on man (and animals). Supplement to Literature Search 12-68. January 1969 through September 1972. 214 citations in English.
- 72-34 Sport Medicine (Updates L.S. No. 70-41). August 1970 through October 1972. 312 citations in English.
- 72-35 Adverse Effects of LSD (Updates Literature Search 24-68). January 1969 through October 1972. 154 citations in English.
- 72-36 Family planning programs. January 1970 through November 1972. 487 citations.

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The first thing I noticed when I stepped out of the car was the cold. It was a sharp contrast to the warm blanket I had been sitting under. I looked around, trying to get my bearings. The street was empty, the only sound being the distant hum of traffic. I felt a little disoriented, but I knew I had to keep moving. I started walking, my feet hitting the pavement with a soft thud. The air was crisp, and I could feel it filling my lungs. I was alone, but I didn't feel lonely. I was just a person walking through the world, one step at a time.

I had been told that the city was beautiful, but I didn't know what that meant. Was it the architecture, the people, or the way the light hit the buildings? I didn't know. I was just a stranger in a strange land, trying to find my way. I walked for hours, my legs growing tired, but I didn't stop. I was determined to see this city, to feel it all. I had come here for a reason, and I wasn't going to let anything stop me. I was going to make the most of this experience, no matter what.

# bibliography of medical reviews

## Subject Section

*Medical Reviews are defined by NLM, for inclusion in the Bibliography of Medical Reviews, as articles which are well documented surveys of the recent biomedical literature.*

*Not included are: reviews of the literature which document case reports or original research; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.*

*Although the most specific terms available in MeSH are used in indexing articles for Index Medicus, broader headings are applied for reviews to enable grouping of similar material.*

### ABNORMALITIES, DRUG-INDUCED (C14, C16)

Abnormalities of intrauterine development in non-human primates. Wilson JG.  
*Acta Endocrinol [Suppl] (Kbh) 166:261-92, 1972 (101 ref.)*

### ABORTION (C6)

Abnormalities of intrauterine development in non-human primates. Wilson JG.  
*Acta Endocrinol [Suppl] (Kbh) 166:261-92, 1972 (101 ref.)*

### ABORTION, LEGAL (E4)

The social effects of legal abortion. Schwartz RA.  
*Am J Public Health 62:1331-5, Oct 72 (31 ref.)*

### ABSORPTION (H)

Molar absorptivity and A-1 per cent-1cm values for proteins at selected wavelengths of the ultraviolet and visible region. VI. Kirschenbaum DM.  
*Int J Protein Res 4:125-40, 1972 (145 ref.)*

### ACCIDENTS (G3)

[Are snowmobile always responsible? Review of the medical literature on accidents associated with the use of snowmobiles] Saidi K, et al.  
*Union Med Can 101:1854-9, Sep 72 (22 ref.) (Eng. Abstr.) (Fre)*

### ACRYLATES (D2)

Affinity chromatography of macromolecules.  
Cuatrecasas P. *Adv Enzymol 36:29-89, 1972 (167 ref.)*

### ACTION POTENTIALS (G1)

[Slow waves of smooth muscle of the gastrointestinal tract] Ichikawa S.  
*Jap J Smooth Muscle Res 8:16-31, Mar 72 (89 ref.) (Jap)*

### ADENOCARCINOMA (C2)

Carcinoembryonic antigen. Moloney JP.  
*Med J Aust 2:91-7, 8 Jul 72 (47 ref.)*  
Treatment of ovarian carcinoma: possibilities for progress. Bagley CM Jr, et al.  
*N Engl J Med 287:856-62, 26 Oct 72 (53 ref.)*  
[Ultrastructural pathology and surgery of the thyroid gland] Selfert G.  
*Dtsch Med Wochenschr 97:1431-4, 22 Sep 72 (25 ref.) (Ger)*

### ADENOFIBROMA (C2)

Ultrastructure of the human mammary gland. Ozzello L.  
*Pathol Annu 6:1-59, 1971 (61 ref.)*

### ADENOMA (C2)

True thyroid adenoma. Ferriman D, et al.  
*Q J Med 41:127-39, Apr 72 (36 ref.)*

### ADENOSINE CYCLIC 3',5'

#### MONOPHOSPHATE (D10)

Cyclic AMP and gastric secretion. Amer MS.  
*Am J Dig Dis 17:945-53, Oct 72 (103 ref.)*  
Cyclic AMP and neurotransmitters. Breckenridge DM.  
*Res Publ Assoc Res Nerv Ment Dis 50:216-28, 1972 (69 ref.)*

### ADRENAL CORTEX HORMONES (D8)

[Corticosteroids in ophthalmology]  
Trzcińska-Dąbrowska Z.  
*Pol Tyg Lek 27:1006-10, 26 Jun 72 (27 ref.) (Pol)*

### ADRENAL GLANDS (A6)

Mammalian behavior and the adrenal cortex. A review.  
Brain PF. *Behav Biol 7:453-77, Aug 72 (165 ref.)*

### ADRENAL MEDULLA (A6)

Neural and hormonal control of catecholamine synthesis. Axelrod J.  
*Res Publ Assoc Res Nerv Ment Dis 50:229-40, 1972 (29 ref.)*

### ADRENERGIC ALPHA RECEPTOR

#### BLOCKADERS (D5)

[Significance of adrenergic receptor blockade in the treatment of shock] Słowińska J.  
*Wiad Lek 25:1427-31, 15 Aug 72 (17 ref.) (Pol)*

### ADRENERGIC BETA RECEPTOR

#### BLOCKADERS (D5)

[Review of literature and experimental contribution on KO 592 a drug with beta-adrenolytic activity. II] Marmo E, et al.  
*Chim Ter 32:117-43, 19 Jul 72 (406 ref.) (Ita)*  
[Significance of adrenergic receptor blockade in the treatment of shock] Słowińska J.  
*Wiad Lek 25:1427-31, 15 Aug 72 (17 ref.) (Pol)*

### AGGRESSION (F1, F2)

The relationship between brain norepinephrine and aggressive behavior. Reis DJ.

*Res Publ Assoc Res Nerv Ment Dis 50:264-97, 1972 (84 ref.)*

### AGING (G1)

Drugs and memory disorders in human aging. Jarvik ME, et al. *Behav Biol 7:643-68, Oct 72 (78 ref.)*  
Aging: noncycling cells an explanation. Gelfant S, et al.  
*Science 178:357-61, 27 Oct 72 (48 ref.)*

### AIR (G3)

Air environment and animal performance. Curtis SE.  
*J Anim Sci 35:628-34, Sep 72 (67 ref.)*

### AIR MICROBIOLOGY (G1, G3)

[Current problems of aerobiology (survey of the literature)] Vlodavets VV.  
*Zh Mikrobiol Epidemiol Immunobiol 49:56-9, Jun 72 (52 ref.) (Rus)*

### AIR POLLUTION (G3)

Recent developments in pollen aerobiology. Newmark FM. *Ann Allergy 28:149-52, Apr 70 (46 ref.)*  
Effects of air pollution on asthma: a review. Zweiman B, et al.  
*J Allergy Clin Immunol 50:305-14, Nov 72 (51 ref.)*

### ALCOHOLISM (C14, F2)

[Chronic alcoholism. Development conditions and therapy] Feuerlein W.  
*Nervenarzt 43:389-98, Aug 72 (11 ref.) (Ger)*  
[Ultrastructure of myocardium in alcoholic heart. Review] Kollár J.  
*Vnitř Lek 18:855-62, Sep 72 (56 ref.) (Eng. Abstr.) (Slo)*

### ALKALINE PHOSPHATASE (D9)

Neutrophil alkaline phosphatase, the Philadelphia chromosome and chronic myeloid leukaemia: a critical review. Sewell RL.  
*Med Lab Technol 29:152-9, Apr 72 (83 ref.)*

### AMELOBLASTOMA (C2)

Odontogenic tumors. Baden E.  
*Pathol Annu 6:475-568, 1971 (534 ref.)*

### AMINES (D2)

Aminergic neurons and substitute transmitters in brain. Kopin IJ.  
*Res Publ Assoc Res Nerv Ment Dis 50:207-15, 1972 (34 ref.)*

## AMINO ACID METABOLISM,

### AMINO ACID METABOLISM, INBORN ERRORS (C13)

[Chief clinical syndromes in children with tryptophan metabolism disorders (literature survey)] Tabolin VA, et al.  
Vopr Okhr Materin Det 17:45-8, Jun 72 (36 ref.) (Rus)

### AMINO ACIDS (D2, D10)

Amino acids as central neurotransmitters. Werman R.  
Res Publ Assoc Res Nerv Ment Dis 50:147-80, 1972 (131 ref.)

### AMNIOTIC FLUID (A12)

[Determination of fetal maturity by amniotic fluid (literature survey)] Chernukha EA, et al.  
Vopr Okhr Materin Det 17:66-71, Jun 72 (48 ref.) (Rus)

### AMPHETAMINE (D5, D6)

Methods for the analysis of narcotic analgesics and amphetamines. Mulé SJ.  
J Chromatogr Sci 10:275-82, May 72 (84 ref.)

### AMPHIBIA (B2)

[Regulation of amphibian melanophores] Golichenkova IF.  
Usp Sovrem Biol 73:410-26, May-Jun 72 (131 ref.) (Rus)

### AMYLOID (D10)

Current concepts of amyloid. Franklin EC, et al.  
Adv Immunol 15:249-304, 1972

### AMYOTROPHIC LATERAL

#### SCLEROSIS (C3, C10)

An appraisal of the neurotoxicity of cycad and the etiology of amyotrophic lateral sclerosis on Guam.  
Kurland LT. Fed Proc 31:1540-2, Sep-Oct 72 (26 ref.)

### ANALGESICS AND ANTIPYRETICS

#### (D6)

Methods for the analysis of narcotic analgesics and amphetamines. Mulé SJ.  
J Chromatogr Sci 10:275-82, May 72 (84 ref.)

### ANAPHYLAXIS (C14)

Immunological release of the chemical mediators of anaphylaxis. Orange RP, et al.  
Ciba Found Study Group 38:99-120, 1971 (85 ref.)

### ANDROGENS (D8)

16-Unsaturated C 19 steroids. A review of their chemistry, biochemistry and possible physiological role. Gower DB.  
J Steroid Biochem 3:45-103, Jan 72 (159 ref.)

### ANEMIA (C9)

The importance of anaemia in determining prognosis.  
Newall J. Med Trends Radiother 2:150-8, 1972 (15 ref.)

### ANEMIA, HEMOLYTIC (C9)

[Laboratory diagnosis of enzymopenic hemolytic anemia] Votrelia M, et al.  
Pediatrics (Napoli) 80:186-97, 1972 (64 ref.) (Ita)

### ANEMIA, HEMOLYTIC, ACQUIRED

#### (C9)

[Hemolytic-uremic syndrome] Wijffels JC.  
Ned Tijdschr Geneesk 116:1735-42, 23 Sep 72 (51 ref.) (Dut)

### ANEMIA, HYPOCHROMIC (C9)

Pica: its relation to iron deficiency. A review of the recent literature. Ansell JE, et al.  
Va Med Mon 99:951-4, Sep 72 (17 ref.)

### ANEMIA, SIDEROBLASTIC (C9)

[Diagnosis of sideroblastic anemias] Przetacznik A.  
Pol Tyg Lek 27:1093-6, 10 Jul 72 (14 ref.) (Pol)

### ANESTHESIA (E3)

Anesthesia for reptiles. Calderwood HW.  
J Am Vet Med Assoc 159:1618-25, 1 Dec 71 (30 ref.)  
[Recent developments in pediatric anesthesia. 7] Sankawa H.  
Jap J Anesthesiol 21:465-78, May 72 (192 ref.) (Jap)

## MEDICAL REVIEWS

### ANESTHESIA, GENERAL (E3)

[Intracranial pressure changes under anesthesia] Gordon E.  
Lakartidningen 69:3641-8, 2 Aug 72 (52 ref.) (Eng. Abstr.) (Swe)

### ANESTHETICS (D6)

[Intracranial pressure changes under anesthesia] Gordon E.  
Lakartidningen 69:3641-8, 2 Aug 72 (52 ref.) (Eng. Abstr.) (Swe)

### ANGINA PECTORIS (C8)

[Evaluation of drug effects by exercise electrocardiograms] Kimura E, et al.  
Jap J Clin Med 30:1739-45, Aug 72 (25 ref.) (Jap)

### ANGIOCARDIOGRAPHY (E1)

[characteristics of radiograms of cardiomyopathy--with special reference to the angiocardio-graphic findings of idiopathic cardiomyopathy] Hombo Z, et al.  
Jap J Clin Radiol 17:159-74, Mar 72 (25 ref.) (Jap)

### ANIMAL FEED (J)

Antibiotics as feedstuff additives: the risk-benefit equation for man. Kiser JS, et al.  
CRC Crit Rev Toxicol 1:55-92, Sep 71 (83 ref.)  
Mycotoxins in feedstuffs and their effect on dairy cattle. Lynch GP.  
J Dairy Sci 55:1243-55, Sep 72 (131 ref.)

A review of some effects on health and performance of variations in the physical form of the diet of the growing pig. I. Cereal processing. Lawrence TL.  
Vet Rec 91:67-70, 15 Jul 72 (36 ref.)

### ANIMAL NUTRITION (G1)

Minerals in the nutrition of hill cattle and sheep.  
Hemingway RG.  
Proc Nutr Soc 30:221-9, Dec 71 (46 ref.)

A review of some effects on health and performance of variations in the physical form of the diet of the growing pig. I. Cereal processing. Lawrence TL.  
Vet Rec 91:67-70, 15 Jul 72 (36 ref.)

[Suitability of synthetic nitrogen compounds as protein substitution source in the feeding of ruminants] Wetterau H, et al.  
Monatsh Vet Med 27:307-14, 15 Apr 72 (56 ref.) (Eng. Abstr.) (Ger)

### ANIMALS, DOMESTIC (B2)

Air environment and animal performance. Curtis SE.  
J Anim Sci 35:628-34, Sep 72 (87 ref.)

### ANIMALS, LABORATORY (B1, B2)

Reptiles as research models in comparative physiology. Dawson WR.  
J Am Vet Med Assoc 159:1653-61, 1 Dec 71 (71 ref.)

### ANIMALS, NEWBORN (B2)

Digestion and metabolism of carbohydrates in the foetal and neonatal ruminant. Leat WM.  
Proc Nutr Soc 30:236-43, Dec 71 (47 ref.)

### ANIMALS, ZOO (B2)

Environmental and nutritional diseases of captive reptiles. Wallach JD.  
J Am Vet Med Assoc 159:1632-43, 1 Dec 71 (54 ref.)

### ANOPHELES (B1)

The influence of plants on anopheline breeding. Hall TF.  
Am J Trop Med Hyg 21:787-94, Sep 72

### ANOXIA (C17)

Myocardial ultrastructure in acute and chronic hypoxia. Ferrans VJ, et al.  
Cardiology 56:144-60, 1971 (87 ref.)

### ANTACIDS (D7)

[Medical treatment of gastric and duodenal ulcer] Myren J.  
Tidsskr Nor Laegeforen 92:1386-91, 10 Aug 72 (11 ref.) (Eng. Abstr.) (Nor)

### ANTHRAX (C1)

Anthrax. Dutz W, et al.  
Pathol Annu 6:309-48, 1971 (89 ref.)

### ANTIBIOTICS (D3)

Antibiotics as feedstuff additives: the risk-benefit equation for man. Kiser JS, et al.  
CRC Crit Rev Toxicol 1:55-92, Sep 71 (83 ref.)

### ANTIBODIES, VIRAL (D12)

Laboratory tests for Australia (hepatitis-associated) antigen and antibody. Taylor PE.  
Br Med Bull 28:138-41, May 72 (40 ref.)

### ANTIBODY FORMATION (G1)

The regulatory influence of activated T cells on B cell responses to antigen. Katz DH, et al.  
Adv Immunol 15:1-94, 1972 (353 ref.)  
The immunologic response to plasmodium. Cohen S, et al.  
Am J Trop Med Hyg 21:713-21, Sep 72 (55 ref.)  
[Physiological aspects of cellular and humoral immunoreactions] Thiele HG.  
Monatsschr Kinderheilkd 120:197-201, 5 Jun 72 (25 ref.)

### ANTIDEPRESSIVE AGENTS (D6)

Psychotropic drugs. Kline NS, et al.  
NY State J Med 72:2170-4, 1 Sep 72 (42 ref.)  
Psychoactive drugs in outpatient therapy. Gottschalk LA.  
Psychiatry Med 2:116-25, Apr 71 (47 ref.)  
[Metabolism of tricyclic antidepressive agents] Caillé G, et al.  
Rev Can Biol 31:Suppl:59-71, 1972 (23 ref.) (Fre)

### ANTIDIABETICS (D8)

Insulin and oral hypoglycaemic agents. II. Clinical and therapeutic aspects. Bredahl HD, et al.  
Drugs 3:264-26, 1972 (41 ref.)  
[Side-effects of oral antidiabetic drugs] Cansani Z.  
Harefuah 82:334-6, Apr 72 (17 ref.) (Heb)

### ANTIFUNGAL AGENTS (D3)

Pharmacokinetics of the treatment of fungal infections. O'Grady F.  
J R Coll Physicians Lond 7:45-52, Oct 72 (17 ref.)

### ANTIGEN-ANTIBODY COMPLEX

#### (D12)

The effects of immune complexes on blood platelets and their relationship to complement activation.  
Pfueller SL, et al.  
Immunochimistry 9:1151-65, Nov 72 (132 ref.)

### ANTIGENS (D12)

Genetics and immunology of sex-linked antigens. Gasser DL, et al.  
Adv Immunol 15:215-47, 1972  
The regulatory role of macrophages in antigenic stimulation. Unanue ER.  
Adv Immunol 15:95-165, 1972  
Review. Antigen-RNA interactions. Gottlieb AA, et al.  
Cell Immunol 5:341-62, Oct 72 (97 ref.)

### ANTIGENS, BACTERIAL (D12)

[Protective antigens of pathogenic microorganisms (review)] Esepchuk IuV.  
Zh Mikrobiol Epidemiol Immunobiol 49:115-20, Jun 72 (50 ref.) (Rus)

### ANTIGENS, NEOPLASM (D12)

Carcinoembryonic antigen. Moloney JP.  
Med J Aust 2:91-7, 8 Jul 72 (47 ref.)

### ANTIGENS, VIRAL (D12)

Antigen in infectious hepatitis. Ferris AA.  
Br Med Bull 28:131-3, May 72 (9 ref.)  
Laboratory investigation into the aetiology of human viral hepatitis. Zuckerman AJ.  
Br Med Bull 28:134-7, May 72 (22 ref.)  
[Protective antigens of pathogenic microorganisms (review)] Esepchuk IuV.  
Zh Mikrobiol Epidemiol Immunobiol 49:115-20, Jun 72 (50 ref.) (Rus)

### ANTIMALARIALS (D3)

The problem of drug-resistant malaria. Clyde DF.  
Am J Trop Med Hyg 21:736-43, Sep 72 (32 ref.)  
Development of new antimalarial drugs. Powell RD.  
Am J Trop Med Hyg 21:744-8, Sep 72 (21 ref.)

### ANTINEOPLASTIC AGENTS (D4)

Antineoplastic and immunosuppressive drugs. I. Biochemical and clinical pharmacological considerations. Chalmers AH, et al.  
Drugs 3:227-53, 1972 (132 ref.)  
[Progress in the chemotherapy of acute leukemias]



Pöttgen W.  
Dtsch Med Wochenschr 97:1512-5, 6 Oct 72 (6 ref.) (Ger)

## ANTITUBERCULAR AGENTS (D3)

Intermittent chemotherapy or improvement of initial treatment in tuberculosis. Oka S.  
Sci Rep Res Inst Tohoku Univ [Med] 18:1-6, Jul 71 (81 ref.)

## ANTIVIRAL AGENTS (D3)

[Effect of polyelectrolytes on virus reproduction] Gumina II.  
Vopr Virusol 17:259-66, May-Jun 72 (144 ref.) (Rus)

## APPETITE (F1, G1)

Instinct, appetites and medicine. Denton D.  
Aust NZ J Med 2:203-12, May 72 (36 ref.)

## AROUSAL (F1, G1)

Retention over time in relation to arousal during learning: an explanation of discrepant results. Levonian E.  
Acta Psychol (Amst) 36:290-321, Sep 72 (51 ref.)

## ARRHYTHMIA (C8)

[Interpretation of arrhythmia] Igarashi M.  
Jap J Clin Med 30:1746-55, Aug 72 (43 ref.) (Jap)

## ARTERIOSCLEROSIS (C8)

Factors affecting arterial calcification associated with atherosclerosis. A review. Yogamundi Moon J.  
Atherosclerosis 16:119-26, Jul-Aug 72 (49 ref.)

## ARTHRITIS (C3)

The endocrines and arthritis. Grahame R.  
Rheumatol Phys Med 11:325-33, Aug 72 (53 ref.)

## ARTHRITIS, RHEUMATOID (C3, C17)

Rheumatoid arthritis—current thoughts on aetiology and pathogenesis. Buchanan WW, et al.  
Med Lab Technol 29:109-19, Apr 72 (78 ref.)

## ARTIFICIAL LIMBS (E4)

Engineering approaches to limb prosthetics and orthotics. Wilson AB Jr, et al.  
CRC Crit Rev Bioeng 1:169-215, Dec 71 (142 ref.)

## ASTHMA (C5, C14)

Effects of air pollution on asthma: a review. Zweiman B, et al.  
J Allergy Clin Immunol 50:305-14, Nov 72 (51 ref.)  
[Reagin and immunoglobulin E (IgE)] Jäger L, et al.  
Allerg Immunol (Leipz) 17:265-80, 1971 (94 ref.) (Ger)  
[Progress in the symptomatic treatment of bronchial asthma] Jäger L.  
Z Erkr Atmungsorgane 136:231-45, Apr 72 (104 ref.) (Ger)

## AUDITORY PERCEPTION (F1)

Note on immediate memory for digits: invariance over the years. Spitz HH.  
Psychol Bull 78:183-5, Sep 72 (14 ref.)

## AUSTRALIA ANTIGEN (B4)

The course of long incubation (virus B) hepatitis. Sherlock S. Br Med Bull 28:109-13, May 72 (34 ref.)  
Laboratory tests for Australia (hepatitis-associated) antigen and antibody. Taylor FE.  
Br Med Bull 28:130-41, May 72 (40 ref.)  
[Australia antigen] Plotnicki T, et al.  
Wiad Lek 25:1359-61, 1 Aug 72 (Pol)

## AUTOIMMUNE DISEASES (C14)

Autoimmune aspects of liver disease. Doniach D. Br Med Bull 28:145-8, May 72 (36 ref.)  
Auto-immunity and systemic lupus erythematosus. Whaley K. Med Lab Technol 29:133-42, Apr 72 (66 ref.)  
[Autoimmune hepatitis. Clinical and immunopathological aspects] Berg PA, et al.  
Dtsch Med Wochenschr 97:1468-73, 29 Sep 72 (69 ref.) (Ger)

## AUTONOMIC DYSFUNCTION (C10)

Subacute dysautonomia with incomplete recovery. Andersen O, et al. Acta Neurol Scand 48:510-9, 1972

## AUTONOMIC NERVOUS SYSTEM (A8)

Response uncertainty and autonomic-behavioral integration. Germana J.  
Ann NY Acad Sci 193:185-8, 25 Aug 72 (6 ref.)  
[Functional morphology of the autonomic nervous end formation] Winckler J.  
Med Klin 67:795-800, 9 Jun 72 (40 ref.) (Ger)

## BACTERIA (B3)

Blood platelet as a model for action of drugs and bacterial products. Paasonen MK.  
Toxicom 10:479-84, Aug 72 (37 ref.)  
[Current problems of aerobiology (survey of the literature)] Vlodavets VV.  
Zh Mikrobiol Epidemiol Immunobiol 49:56-9, Jun 72 (52 ref.) (Rus)

## BACTERIAL PROTEINS (D10)

Acyl carrier protein. Prescott DJ, et al.  
Adv Enzymol 36:269-311, 1972

## BATHS (E2)

[Hydrogen sulfide balneotherapy of skin diseases (review)] Studnitskii AA, et al.  
Vestn Dermatol Venerol 46:22-9, Jul 72 (76 ref.) (Eng. Abstr.) (Rus)

## BEHAVIOR (F1)

Response uncertainty and autonomic-behavioral integration. Germana J.  
Ann NY Acad Sci 193:185-8, 25 Aug 72 (6 ref.)  
Relationship of sleep to neuroanatomical circuits, biochemistry, and behavior. Morgane PJ, et al.  
Ann NY Acad Sci 193:95-111, 25 Aug 72 (46 ref.)  
Some comments on "a behavioral approach to nitrogen narcosis". Fowler B.  
Psychol Bull 78:234-40, Sep 72 (31 ref.)  
L-dopa, behavioral activation and psychopathology. Murphy DL.  
Res Publ Assoc Res Nerv Ment Dis 50:472-93, 1972 (103 ref.)

## BEHAVIOR, ANIMAL (F1)

Coherent self-direction and values. Renner KE.  
Ann NY Acad Sci 193:175-84, 25 Aug 72 (7 ref.)  
Intracranial chemical injection and behavior: a critical review. Routtenberg A.  
Behav Biol 7:801-41, Oct 72 (110 ref.)  
Maintenance schedules and hunger drive: an examination of the rat literature. Weinstock RB.  
Psychol Bull 78:311-20, Oct 72 (55 ref.)

## BIBLIOGRAPHY (L)

An annotated bibliography of the British Nycteribiidae. Thompson GB.  
Angew Parasitol 13:106-13, May 72 (104 ref.)

## BILE DUCT NEOPLASMS (C2)

[Radiographic diagnosis of malignant bile duct cancer] Nakazawa S, et al.  
Jap J Clin Radiol 17:229-42, Apr 72 (69 ref.) (Jap)

## BILIARY TRACT DISEASES (C4)

[Endoscopy of the biliary tract (literature survey)] Panchenkov RT, et al.  
Khirurgia (Mosk) 46:141-4, Jul 72 (137 ref.) (Rus)

## BILIRUBIN (D10)

[Paths and mechanisms of bilirubin elimination in jaundice] Pirwitz B.  
Pol Tyr Lek 27:1141-3, 17 Jul 72 (24 ref.) (Pol)

## BINDING SITES (G1)

Bioinorganic chemistry. Simple models of iron sites in some biological systems. Canham GW, et al.  
J Chem Educ 49:656-60, Oct 72 (85 ref.)

## BIOGENIC AMINES (D2)

Blood platelet as a model for action of drugs and bacterial products. Paasonen MK.  
Toxicom 10:479-84, Aug 72 (37 ref.)  
[Biogenic amines in various internal and psychiatric diseases] Schrammowa H, et al.  
Psychiatr Pol 6:477-81, Jul-Aug 72 (53 ref.) (Pol)

## BIOMEDICAL ENGINEERING (G2, J)

Engineering approaches to limb prosthetics and orthotics. Wilson AB Jr, et al.  
CRC Crit Rev Bioeng 1:169-215, Dec 71 (142 ref.)

## BIOTRANSFORMATION (G1)

Hepatic metabolism of drugs. Williams RT.  
Gut 13:579-85, Jul 72 (23 ref.)

## BIRDS (B2)

Developmental control of three-dimensional polarity in the avian limb. Saunders JW Jr.  
Ann NY Acad Sci 193:29-42, 25 Aug 72 (28 ref.)

## BIRTH ORDER (F1)

Birth order effects: not here, not now. Schooler C.  
Psychol Bull 78:161-75, Sep 72 (87 ref.)

## BLOOD BACTERICIDAL ACTIVITY (G1)

Role of the phagocyte in host-parasite interactions. 38. Metabolic activities of the phagocyte as related to antimicrobial action. Sharra AJ, et al.  
J Reticuloendothel Soc 12:100-26, Aug 72

## BLOOD CELLS (A11)

[The condition of the formed elements of the blood in acute and chronic hemorrhage (a review of Soviet and foreign literature)] Golovin GV, et al.  
Vestn Khir 106:136-41, Apr 72 (Rus)

## BLOOD COAGULATION (G1)

[Hemostatic system in cancer patients] Rakhmaeva VA, et al. Vopr Onkol 18:90-7, 1972 (60 ref.) (Rus)

## BLOOD COAGULATION DISORDERS (C9)

Intravascular coagulation—acute and chronic—disseminated and local. McKay DG.  
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)

## BLOOD GROUPS (D12, G1)

Enzymatic basis for blood groups in man. Ginsburg V.  
Adv Enzymol 36:131-49, 1972 (62 ref.)

## BLOOD PLATELETS (A11)

The effects of immune complexes on blood platelets and their relationship to complement activation. Pfuefer SL, et al.  
Immunochimistry 9:1151-65, Nov 72 (152 ref.)  
Blood platelet as a model for action of drugs and bacterial products. Paasonen MK.  
Toxicom 10:479-84, Aug 72 (37 ref.)

## BLOOD PROTEINS (D10)

A plasma protein which increases with vitamin K deficiency. Nutr Rev 30:211-3, Sep 72 (8 ref.)

## BLOOD TRANSFUSION (E2)

Hepatitis in transfusion services. Maycock W d'A.  
Br Med Bull 28:163-8, May 72 (44 ref.)

## BODY FLUIDS (A12)

Coupled ion and fluid transport in the kidney. Giebisch G. N Engl J Med 287:913-9, 2 Nov 72 (16 ref.)

## BODY HEIGHT (E1, G1)

[Short stature and genes] Koshimizu T, et al.  
Chin Endocrinol (Tokyo) 20:261-9, Apr 72 (45 ref.) (Jap)

## BONE AND BONES (A2, A10)

Reconstruction of the mandible. Alonso MR, et al.  
Otolaryngol Clin North Am 5:501-11, Oct 72 (34 ref.)  
Bone and cartilage grafts: current concepts. Goode RL.  
Otolaryngol Clin North Am 5:447-55, Oct 72 (17 ref.)

## BONE DISEASES (C3)

[Bone metabolism disorders. Pathogenesis and diagnosis] Fischer JA.  
Z Orthop 110:280-92, Jun 72 (38 ref.) (Eng. Abstr.) (Ger)

## BONE MARROW CELLS (A11)

The regulatory influence of activated T cells on B cell responses to antigen. Katz DH, et al.  
Adv Immunol 15:1-94, 1972 (353 ref.)  
[Postirradiation restoration of hematopoiesis during treatment with autologous bone marrow] Strelin GS, et al.  
Usp Sovrem Biol 72:375-90, Nov-Dec 71 (157 ref.) (Rus)

## BRAIN

### BRAIN (A8)

- Cerebral organization and the integration of experience. Haydu GG.  
Ann NY Acad Sci 193:217-32, 25 Aug 72 (73 ref.)
- Cerebral evolution and emotional processes: new findings on the striatal complex. MacLean PD.  
Ann NY Acad Sci 193:137-49, 25 Aug 72 (30 ref.)
- Relationship of sleep to neuroanatomical circuits, biochemistry, and behavior. Morgane PJ, et al.  
Ann NY Acad Sci 193:95-111, 25 Aug 72 (46 ref.)
- Intracranial chemical injection and behavior: a critical review. Routtenberg A.  
Behav Biol 7:601-41, Oct 72 (110 ref.)
- Presidential address: some comments on the transduction of experience by the brain: implications for our understanding of the relationship of mind to body. Weiner H.  
Psychosom Med 34:355-60, Jul-Aug 72 (125 ref.)
- L-dopa, behavioral activation and psychopathology. Murphy DL.  
Res Publ Assoc Res Nerv Ment Dis 50:472-93, 1972 (103 ref.)
- Experimentally induced parkinsonism. Poirier LJ, et al.  
Res Publ Assoc Res Nerv Ment Dis 50:416-33, 1972 (87 ref.)
- The relationship between brain norepinephrine and aggressive behavior. Reis DJ.  
Res Publ Assoc Res Nerv Ment Dis 50:266-97, 1972 (84 ref.)
- [Comparative characteristics of basic cortical zones of the reptilian forebrain] Goncharova NV, et al.  
Usp Sovrem Biol 72:444-62, Nov-Dec 71 (100 ref.) (Rus)

### BRAIN CHEMISTRY (G1)

- Cyclic AMP and neurotransmitters. Breckenridge BM.  
Res Publ Assoc Res Nerv Ment Dis 50:216-26, 1972 (69 ref.)
- Aminergic neurons and substitute transmitters in brain. Kopin IJ.  
Res Publ Assoc Res Nerv Ment Dis 50:207-15, 1972 (34 ref.)

### BRAIN DEATH (G1)

- [Brain death short review on the problems of etiopathogenesis and diagnosis] Procházka M.  
Cesk Neurol 35:263-7, Sep 72 (48 ref.) (Eng. Abstr.) (Cze)

### BRAIN DISEASES (C10)

- An appraisal of the neurotoxicity of cycad and the etiology of amyotrophic lateral sclerosis on Guam. Kurland LT. Fed Proc 31:1540-2, Sep-Oct 72 (26 ref.)
- [The central vestibular syndrome. Anatomic-functional bases and symptomatologic expression] Barraquer-Bordas L.  
Acta Otorinolaryngol Iber Am 23:349-56 passim, 1972 (51 ref.) (Eng. Abstr.) (Spa)

### BRAIN INJURIES, ACUTE (C14)

- [Memory disorders following brain injuries] Delank HW.  
Monatsschr Unfallheilkd 75:337-49, Aug 72 (18 ref.) (Eng. Abstr.) (Ger)
- [Basic principles in the diagnosis and therapy of closed cerebrocranial injuries] Jenkner FL.  
Wien Klin Wochenschr 84:537-43, 1 Sep 72 (14 ref.) (Eng. Abstr.) (Ger)

### BREAST (A1)

- Ultrastructure of the human mammary gland. Ozzello L. Pathol Annu 6:1-59, 1971 (61 ref.)

### BREAST DISEASES (C7)

- The surgical pathology of the reproductive system and breast during oral contraceptive therapy. Fechner RE. Pathol Annu 6:290-319, 1971 (142 ref.)

### BREAST NEOPLASMS (C2)

- Ultrastructure of the human mammary gland. Ozzello L. Pathol Annu 6:1-59, 1971 (61 ref.)
- [Genesis of breast cancer in women (epidemiological and clinical data)] Levshin VF.  
Vopr Onkol 18:97-108, 1972 (121 ref.) (Rus)

### BROMODEOXYURIDINE (D10)

- [Effect of 5-bromodeoxyuridine on gene expression in mammalian cells] Koyama H.  
Protein Nucleic Acid Enzyme (Tokyo) 17:461-9, Jun 72 (68 ref.) (Jap)

### BRONCHI (A4)

- [Biochemical properties of bronchial secretion and sputum. (Review)] Rajthar L, et al.

## MEDICAL REVIEWS

- Vnitř Lek 18:875-80, Sep 72 (41 ref.) (Eng. Abstr.) (Cze)

### BRONCHIAL SPASM (C5)

- Immunological release of the chemical mediators of anaphylaxis. Orange RP, et al.  
Ciba Found Study Group 38:99-120, 1971 (85 ref.)

### BURKITT'S LYMPHOMA (C2)

- Biology of malignant neoplasia of the lymphoreticular tissues. Dorfman RF.  
J Reticuloendothel Soc 12:239-54, Sep 72
- Burkitt's lymphoma: a review of the pathology, immunology, and possible etiologic factors. Wright DH. Pathol Annu 6:337-63, 1971 (59 ref.)

### CADMIUM (D1)

- Cardiovascular diseases related to geochemical environment. Hypertension and the geochemical environment. Perry HM Jr.  
Ann NY Acad Sci 199:303-16, 28 Jun 72 (48 ref.)
- "Itai-itai byō" and other views on cadmium. Food Cosmet Toxicol 10:249-55, Apr 72 (59 ref.)

### CALCIUM METABOLISM DISORDERS (C13)

- [Disorders of calcium metabolism in kidney failure] Ritz E, et al.  
Med Klin 67:1129-32, 8 Sep 72 (50 ref.) (Ger)

### CARBAMATES (D2)

- The pharmacology of propanediol carbamates. Ludwig BJ, et al.  
Adv Pharmacol Chemother 9:173-240, 1971 (305 ref.)
- The metabolism of pesticidal carbamates. Ryan AJ. CRC Crit Rev Toxicol 1:33-54, Sep 71 (79 ref.)

### CARBOHYDRATE METABOLISM,

#### INBORN ERRORS (C13)

- Intestinal intolerance to sugars in children. A review. Axton JH. Cent Afr J Med 18:118-21, Jun 72 (17 ref.)
- [Hereditary mucopolysaccharidoses (literature survey)] Fashin IuV.  
Vopr Okhr Materin Det 17:49-52, Jun 72 (15 ref.) (Rus)

### CARBOHYDRATES (D11)

- Intestinal intolerance to sugars in children. A review. Axton JH. Cent Afr J Med 18:118-21, Jun 72 (17 ref.)
- Carbohydrate metabolism by leukocytes. Stjernholm RL, et al. Enzyme 13:7-31, 1972 (80 ref.)
- Digestion and metabolism of carbohydrates in the foetal and neonatal ruminant. Leat WM.  
Proc Nutr Soc 30:236-43, Dec 71 (47 ref.)
- Problems in carbohydrate absorption and metabolism. Mansford KR. Proc Nutr Soc 30:236-6, Dec 71 (53 ref.)
- [Biochemistry of normal and leukemic leukocytes. X. Energy and carbohydrate metabolism of neutrophilic granulocytes] Sznajd J, et al. (Pol)
- [Participation of catecholamines in the regulation of carbohydrate metabolism of skeletal muscles in ontogenesis] Pertseva MN.  
Usp Sovrem Biol 72:339-59, Nov-Dec 71 (90 ref.) (Rus)

### CARCINOID TUMOR (C2)

- Carcinoid tumors of the colon (exclusive of the rectum): review of the literature. Berardi RS.  
Dis Colon Rectum 15:383-91, Sep-Oct 72 (87 ref.)

### CARCINOMA (C2)

- [Ultrastructural pathology and surgery of the thyroid gland] Seifert G.  
Dtsch Med Wochenschr 97:1431-4, 22 Sep 72 (25 ref.) (Ger)

### CARCINOMA, DUCTAL (C2)

- Ultrastructure of the human mammary gland. Ozzello L. Pathol Annu 6:1-59, 1971 (61 ref.)

### CARCINOMA IN SITU (C2)

- Ultrastructure of the human mammary gland. Ozzello L. Pathol Annu 6:1-59, 1971 (61 ref.)

### CARCINOMA, PAPILLARY (C2)

- Verrucous carcinoma. Report of three vulvar cases and review of the literature. Gallousis S.  
Obstet Gynaecol 40:503-7, Oct 72 (15 ref.)
- [Ultrastructural pathology and surgery of the thyroid gland] Seifert G.

- Dtsch Med Wochenschr 97:1431-4, 22 Sep 72 (25 ref.) (Ger)

### CAROTENOIDS (D10)

- Carotenoid vitamin A precursors and analogs in foods and feeds. Bauernfeind JC.  
J Agric Food Chem 20:456-73, May-Jun 72 (243 ref.)

### CARTILAGE (A10)

- Bone and cartilage grafts: current concepts. Goode RL. Otolaryngol Clin North Am 5:447-55, Oct 72 (17 ref.)
- Survey of the use of composite grafts in the head and neck region. Walter C.  
Otolaryngol Clin North Am 5:571-602, Oct 72 (121 ref.)

### CAT DISEASES (C15)

- Treatment of malignant neoplasia. Surgical management. Baker GJ.  
J Small Anim Pract 13:373-9, Jul 72 (22 ref.)

### CATECHOLAMINES (D2)

- Catecholamines. Fluck DC.  
Br Heart J 34:869-73, Sep 72 (52 ref.)
- Catecholamines—a symposium.  
Calif Med 117:32-63, Sep 72 (136 ref.)
- Neural and hormonal control of catecholamine synthesis. Axelrod J.  
Res Publ Assoc Res Nerv Ment Dis 50:229-40, 1972 (29 ref.)
- L-dopa, behavioral activation and psychopathology. Murphy DL.  
Res Publ Assoc Res Nerv Ment Dis 50:472-93, 1972 (103 ref.)
- [Catecholamines and the electrocardiogram—experimental studies] Ueba Y, et al. Jap J Clin Med 30:1723-30, Aug 72 (20 ref.) (Jap)
- [Catecholamines and corticosteroids (molecular aspects of the interrelations of 2 basic adaptational systems)] Utevakif AM, et al.  
Usp Sovrem Biol 73:323-41, May-Jun 72 (200 ref.) (Rus)

### CATTLE (B2)

- Physiological factors affecting the energy cost of cold exposures. Slee J.  
Proc Nutr Soc 30:215-21, Dec 71 (49 ref.)
- [Suitability of synthetic nitrogen compounds as protein substitution source in the feeding of ruminants] Wetterau H, et al.  
Monatsh Vet Med 77:307-14, 15 Apr 72 (56 ref.) (Eng. Abstr.) (Ger)

### CATTLE DISEASES (C15)

- Mycotoxins in feedstuffs and their effect on dairy cattle. Lynch GP.  
J Dairy Sci 55:1243-55, Sep 72 (131 ref.)

### CELL DIVISION (G1)

- Apoptosis: a basic biological phenomenon with wide-ranging implications in tissue kinetics. Kerr JF, et al. Br J Cancer 26:239-57, Aug 72 (68 ref.)
- Aging: noncycling cells an explanation. Gelfant S, et al. Science 178:357-61, 27 Oct 72 (48 ref.)

### CELL TRANSFORMATION,

#### NEOPLASTIC (C2, G1)

- Molecular hybridization: a powerful approach to the detection of viral nucleic acid sequences in human cancer. Green M, et al.  
J Natl Cancer Inst 48:1559-65, Jun 72 (27 ref.)

### CELLS (A11)

- Apoptosis: a basic biological phenomenon with wide-ranging implications in tissue kinetics. Kerr JF, et al. Br J Cancer 26:239-57, Aug 72 (68 ref.)

### CELLULOSE (D11)

- Affinity chromatography of macromolecules. Cuatrecasas P. Adv Enzymol 36:29-89, 1972 (167 ref.)

### CEREALS (J)

- A review of some effects on health and performance of variations in the physical form of the diet of the growing pig. I. Cereal processing. Lawrence TL.  
Vet Rec 91:67-70, 15 Jul 72 (36 ref.)

### CEREBRAL ARTERIOSCLEROSIS

#### (C8, C10)

- Juvenile cerebral arteriosclerosis and other cerebral arteriopathies of childhood—six autopsied cases.



# MEDICAL REVIEWS

# DIABETES MELLITUS

Harvey FH, et al.  
Acta Neurol Scand 48:479-509, 1972 (106 ref.)

## CEREBRAL CORTEX (A8)

The possible role of the adrenergic systems of the cortex in learning. Kety SS.  
Res Publ Assoc Res Nerv Ment Dis 50:376-89, 1972 (54 ref.)

[Contingent negative variation: neurophysiological, psychological and clinical aspects of a new method of electroencephalographic research in man. (Critical review)] Papini M, et al.  
Riv Neurol 42:380-419, Jul-Aug 72 (69 ref.) (Eng. Abstr.) (Ita)

## CEREBRAL PALSY (C10)

Operative indications on the musculo-skeletal system in cerebral palsy. Baumann JU.  
Reconstr Surg Traumatol 13:37-42, 1972 (10 ref.)  
Long-term results of upper limb surgery in cerebral palsy. Samilson RL, et al.  
Reconstr Surg Traumatol 13:43-50, 1972 (15 ref.)  
Operative treatment of the knee joint in cerebral palsy. Tschui F.  
Reconstr Surg Traumatol 13:99-106, 1972 (20 ref.)

## CEREBROVASCULAR DISORDERS

### (C8, C10)

Juvenile cerebral arteriosclerosis and other cerebral arteriopathies of childhood-six autopsied cases. Harvey FH, et al.  
Acta Neurol Scand 48:479-509, 1972 (106 ref.)

## CHALONES (D11)

[Modeling of humoral regulation of cell proliferation in adult animal tissues] Iakovlev AIu.  
Tsitolgia 14:685-98, Jun 72 (82 ref.) (Eng. Abstr.) (Rus)

## CHEMISTRY, CLINICAL (E1, H)

Timely topics in clinical chemistry: 1971. Plaut D.  
Am J Med Technol 38:176-87, May 72

## CHEMOSTERILANTS (D3)

Mosquito population control through the use of chemosterilants. Weidhaas DE.  
Am J Trop Med Hyg 21:772-6, Sep 72 (10 ref.)

## CHILD ABUSE (I)

[Social medicine aspects of physical child abuse] Steinhausen HC.  
Monatsschr Kinderheilkd 120:314-8, Aug 72 (29 ref.) (Eng. Abstr.) (Ger)

## CHILD DEVELOPMENT (F1)

Developmental integration in childhood. Murphy LB.  
Ann NY Acad Sci 193:253-9, 25 Aug 72 (37 ref.)

## CHOLESTEROL (D2, D11)

Effect of unsaturated fatty acid composition on lecithin-cholesterol interactions.  
Nutr Rev 30:216-8, Sep 72 (8 ref.)

## CHORIOCARCINOMA (C2)

Some immunological interactions between mother and foetus. Clarke CA.  
Postgrad Med J 48:199-206, Apr 72 (36 ref.)

## CHROMATOGRAPHY (H)

Affinity chromatography of macromolecules.  
Cuatrecasas P. Adv Enzymol 36:29-89, 1972 (167 ref.)

## CHROMATOPHORES (A11)

[Regulation of amphibian melanophores] Golichenkova IF.  
Usp Sovrem Biol 73:410-26, May-Jun 72 (131 ref.) (Rus)

## CHROMOSOME ABNORMALITIES

### (C16)

Neutrophil alkaline phosphatase, the Philadelphia chromosome and chronic myeloid leukaemia: a critical review. Sowell RL.  
Med Lab Technol 29:182-9, Apr 72 (83 ref.)  
Chromosomal abnormalities and mental disorders. Cowie V. Postgrad Med J 48:212-5, Apr 72 (26 ref.)

## CHROMOSOMES (A11)

Actions of radiations on human chromosomes. Evans HJ. Phys Med Biol 17:1-13, Jan 72 (23 ref.)

## CILIATA (B1)

Cytogeometric integration in the ciliate cortex. Nanney DL. Ann NY Acad Sci 193:14-28, 25 Aug 72 (34 ref.)

## COLD (H)

Physiological factors affecting the energy cost of cold exposures. Slee J.  
Proc Nutr Soc 30:215-21, Dec 71 (49 ref.)

## COLITIS, ULCERATIVE (C4)

[Treatment of ulcerative colitis] Gjone E.  
Tidsskr Nor Lægeforen 92:1375-7, 10 Aug 72 (8 ref.) (Eng. Abstr.) (Nor)

## COLON (A3)

[Review of literature and experimental contribution on KO 592 a drug with beta-adrenolytic activity. II] Marmo E, et al.  
Chm Ter 62:117-63, 19 Jul 72 (406 ref.) (Ita)

## COLONIC NEOPLASMS (C2)

Carcinoid tumors of the colon (exclusive of the rectum): review of the literature. Berardi RS.  
Dis Colon Rectum 15:383-91, Sep-Oct 72 (87 ref.)  
Carcinoembryonic antigen. Moloney JP.  
Med J Aust 2:91-7, 8 Jul 72 (47 ref.)

## COMPLEMENT (D10, D12)

The effects of immune complexes on blood platelets and their relationship to complement activation. Pfeuffer SL, et al.  
Immunochimistry 9:1151-65, Nov 72 (152 ref.)  
The complement system of man. 4. Ruddy S, et al.  
N Engl J Med 287:642-6, 28 Sep 72 (65 ref.)

## COMPUTERS (L)

Computers in radiotherapy-clinical applications. Dealey TJ.  
Mod Trends Radiother 2:117-22, 1972 (7 ref.)  
Computers in radiotherapy-physical uses. Wood RG.  
Mod Trends Radiother 2:285-95, 1972 (9 ref.)

## COMPUTERS, DIGITAL (L)

Computers in medical diagnosis. Ross P.  
CRC Crit Rev Radiol Sci 3:197-243, Apr 72 (116 ref.)

## CONDITIONING, CLASSICAL (F1)

Stimulus compounding in free-operant and classical conditioning. A review and analysis. Weiss SJ.  
Psychol Bull 78:189-208, Sep 72 (73 ref.)

## CONDITIONING, OPERANT (F1)

Stimulus compounding in free-operant and classical conditioning. A review and analysis. Weiss SJ.  
Psychol Bull 78:189-208, Sep 72 (73 ref.)

## CONNECTIVE TISSUE (A10)

Human granulocyte elastase. Further delineation of its role in connective tissue damage. Janoff A.  
Am J Pathol 68:579-92, Sep 72 (22 ref.)

## CONTRACEPTIVE AGENTS (D13)

The metabolism and effects of contraceptive steroids in primates. Goldzieher JW, et al.  
Acta Endocrinol [Suppl] (Kbh) 166:389-421, 1972 (115 ref.)

## CONTRACEPTIVES, ORAL (D8, D13)

The surgical pathology of the reproductive system and breast during oral contraceptive therapy. Fechner RE. Pathol Annu 6:299-319, 1971 (142 ref.)

## COPPER (D1)

[Trace elements in food. VI. Copper] Schlettwein-Gsell D, et al.  
Int J Vitam Nutr Res 41:554-62, 1971 (71 ref.) (Eng. Abstr.) (Ger)

## CORONARY DISEASE (C8)

Myocardial ultrastructure in acute and chronic hypoxia. Ferrans VJ, et al.  
Cardiology 56:144-60, 1971 (87 ref.)  
Morphological alterations in the ischaemic heart. Heggwelt HA. Cardiology 56:204-90, 1971 (34 ref.)

Position statement on diet and coronary heart disease. American health Foundation.  
Prev Med 1:255-86, Mar 72 (50 ref.)

## CORONARY VESSELS (A7)

[Pathology of coronary vessels] Doerr W.  
Wien Klin Wochenschr 84:512-7, 18 Aug 72 (37 ref.) (Ger)

[Coronary circulation. 2. Coronary resistance, (3) propranolol (Inderal), (4) dipyridamole (Persantin) and vasopressin (Pitressin)] Saito T.  
Jap J Anesthesiol 21:479-86, May 72 (23 ref.) (Jap)

## CORTICOSTERONE (D2, D8)

Influence of hormones on enzyme activity in mouse mammary gland in vitro. Rivera EM.  
J Dairy Sci 55:1308-16, Sep 72 (49 ref.)

## CRANIOSYNOSTOSES (C3, C16)

[Premature closure of cranial sutures (craniosynostosis syndrome)] Imielniński LB, et al.  
Pediatri Pol 47:1043-7, Aug 72 (19 ref.) (Eng. Abstr.) (Pol)

## CRYOGENIC SURGERY (E4)

[Cryosurgery. 2. Advantages and disadvantages of various forms of cryosurgery] Dieterich F, et al.  
Z Aerstl Fortbild (Jena) 65:948-9, 15 Sep 71 (12 ref.) (Ger)

## CYCLAMATES (D13, J)

Cyclamate still to the fore.  
Food Cosmet Toxicol 10:237-43, Apr 72 (56 ref.)

## CYCLOHEPTANES (D2)

Pizotifen (BC-105): a review of its pharmacological properties and its therapeutic efficacy in vascular headaches. Speight TM, et al.  
Drugs 3:159-303, 1972 (63 ref.)

## CYTOPLASMIC GRANULES (A11)

The enzymes of the granules of polymorphonuclear leukocytes and their functions. Baggiolini M.  
Enzyme 13:132-60, 1972 (150 ref.)

## DEATH (G1)

Child bereavement and adult psychiatric disturbance. Hill OW. J Psychosom Res 16:357-60, Aug 72 (20 ref.)  
[Death, reanimation, deanimation. 3] Sych M.  
Przegl Lek 29:629-34, 1972 (17 ref.) (Pol)

## DECUBITUS ULCER (C12)

The operative treatment of pressure sores in paraplegics. Krupp S.  
Reconstr Surg Traumatol 13:159-82, 1972 (39 ref.)

## DELIVERY (E4)

[Thromboembolic complications in pregnancy and during delivery] Ludwig H.  
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)

## DENTAL CARIES (C4)

[Critical study of theories of pathogenicity in dental caries. Macroscopic, microscopic and submicroscopic studies of caries lesions. 2] Klees L.  
Acta Stomatol Belg 69:131-265, 1972 (Fre)

## DEPRESSION (F2)

L-dopa, behavioral activation and psychopathology. Murphy DL.  
Res Publ Assoc Res Nerv Ment Dis 50:472-93, 1972 (103 ref.)

## DERMATOGLYPHICS (E5, I)

Dermatoglyphics in medicine. Holt SB.  
CRC Crit Rev Clin Lab Sci 3:227-55, Jun 72 (115 ref.)

## DIABETES MELLITUS (C7, C13)

The diabetic leukocyte. Esmann V.  
Enzyme 13:32-55, 1972 (130 ref.)  
[Pathogenesis of lipid metabolism disorders in diabetes mellitus] Lefes SM.  
Ter Arkh 44:16-22, May 72 (39 ref.) (Rus)

## DIAGNOSIS, COMPUTER ASSISTED

### DIAGNOSIS, COMPUTER ASSISTED (E1)

Computers in medical diagnosis. Ross P.  
Circ Crit Rev Radiol Sci 3:197-243, Apr 72 (116 ref.)  
[Clinical data using electronic computers] Ferrer  
Serrate F.  
Rev Med Univ Navarra 16:1-47, Mar 72 (174 ref.) (Spa)

### DIAPHRAGMATIC HERNIA (C4)

Esophageal hiatal hernia. Ellis FH Jr.  
N Engl J Med 287:848-9, 28 Sep 72 (37 ref.)

### DIET THERAPY (E2)

[Medium-chain fats in dietetic treatment of some disorders of the digestive tract] Foltyn H, et al.  
Pol Tyg Lek 27:1207-10, 31 Jul 72 (30 ref.) (Pol)  
[Diet in acute renal failure] Markiewicz K.  
Wiad Lek 25:1355-8, 1 Aug 72 (19 ref.) (Pol)

### DIETARY CARBOHYDRATES (D11)

Dietary carbohydrate and postprandial hyperlipemia.  
Nutr Rev 30:208-9, Sep 72 (16 ref.)  
Effects of dietary carbohydrate on lipid metabolism in primates. Macdonald I.  
Proc Nutr Soc 30:277-82, Dec 71 (34 ref.)  
Intestinal absorption of carbohydrates in man.  
McMichael HB.  
Proc Nutr Soc 30:248-54, Dec 71 (38 ref.)  
Differences in the metabolism of dietary carbohydrates studied in the rat. Naismith DJ.  
Proc Nutr Soc 30:259-65, Dec 71 (20 ref.)  
Carbohydrate digestion and glucose supply in the gut of the ruminant. Sutton JD.  
Proc Nutr Soc 30:243-8, Dec 71 (28 ref.)

### DIETARY FATS (D11)

Position statement on diet and coronary heart disease.  
American health Foundation.  
Prev Med 1:255-86, Mar 72 (50 ref.)  
[Medium-chain fats in dietetic treatment of some disorders of the digestive tract] Foltyn H, et al.  
Pol Tyg Lek 27:1207-10, 31 Jul 72 (30 ref.) (Pol)

### DIGESTION (G1)

Digestion and metabolism of carbohydrates in the foetal and neonatal ruminant. Leat WM.  
Proc Nutr Soc 30:236-43, Dec 71 (47 ref.)  
Carbohydrate digestion and glucose supply in the gut of the ruminant. Sutton JD.  
Proc Nutr Soc 30:243-8, Dec 71 (28 ref.)

### DIGITALIS GLYCOSIDES (D5)

Effects of digitalis on myocardial ionic exchange.  
Langer GA. Circulation 46:180-7, Jul 72 (42 ref.)

### DIMETHYL SULFOXIDE (D13)

[Use of dimethyl sulfoxide in dermatology] Seferowicz E.  
Przegl Dermatol 59:559-64, Jul-Aug 72 (40 ref.) (Pol)

### DIPTERA (B1)

An annotated bibliography of the British Nycteribiidae.  
Thompson GB.  
Angew Parasitol 13:106-13, May 72 (104 ref.)

### DIPYRIDAMOLE (D5)

[Coronary circulation. 2. Coronary resistance, (3) propranolol (Indersal), (4) dipyridamole (Persantin) and vasopressin (Pitressin)] Saito T.  
Jap J Anesthesiol 21:479-86, May 72 (23 ref.) (Jap)

### DISSEMINATED INTRAVASCULAR COAGULATION (C9)

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.  
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)

### DIVERTICULITIS, COLONIC (C4)

[Treatment of diverticulosis and diverticulitis] Hertzberg J.  
Tidskr Nor Laegeforen 92:1381-2, 10 Aug 72 (8 ref.) (Nor)

### DIVERTICULOSIS (C17)

[Duodenal diverticula] De Arzuza Zulaica E.  
Rev Esp Enferm Apar Dig 38:35-66, Jul 72 (76 ref.) (Spa)

## MEDICAL REVIEWS

### DIVERTICULOSIS, COLONIC (C4)

[Treatment of diverticulosis and diverticulitis] Hertzberg J.  
Tidskr Nor Laegeforen 92:1381-2, 10 Aug 72 (8 ref.) (Nor)

### DNA REPLICATION (G1)

Genetic approach to DNA replication and its control in Escherichia coli. Hirota Y, et al.  
Fed Proc 31:1422-7, Sep-Oct 72 (69 ref.)

### DNA VIRUSES (B4)

Molecular hybridization: a powerful approach to the detection of viral nucleic acid sequences in human cancer. Green M, et al.  
J Natl Cancer Inst 48:1559-65, Jun 72 (27 ref.)

### DOG DISEASES (C15)

Treatment of malignant neoplasia. Surgical management. Baker GJ.  
J Small Anim Pract 13:373-9, Jul 72 (23 ref.)  
A review of the treatment of canine renal disease. Bush BM. Vet Rec 90:969-78, 10 Jun 72 (117 ref.)

### DOPA (D2, D10)

L-dopa, behavioral activation and psychopathology. Murphy DL.  
Res Publ Assoc Res Nerv Ment Dis 50:472-93, 1972 (103 ref.)  
L-dopa in neurological disease: current status. Yahr MD.  
Res Publ Assoc Res Nerv Ment Dis 50:494-511, 1972 (20 ref.)

### DOPAMINE (D2, D5)

Drug-induced extrapyramidal disorders. Chase TN.  
Res Publ Assoc Res Nerv Ment Dis 50:448-71, 1972 (138 ref.)  
Dopamine and extrapyramidal motor function and dysfunction. Hornykiewicz O.  
Res Publ Assoc Res Nerv Ment Dis 50:390-415, 1972 (94 ref.)  
[The role of dopamine in the physiology and pathology of the basal ganglia] Arushanian EB.  
Zh Nevropatol Psikhiatr 72:595-603, 1972 (181 ref.) (Rus)

### DOSE-RESPONSE RELATIONSHIP, RADIATION (E5)

Isodose planning using closed circuit television. Smith CW. Med Trends Radiother 2:286-84, 1972 (43 ref.)

### DRUG COMPOUNDING (E5)

Tableting research and technology. Cooper J, et al.  
J Pharm Sci 61:1511-55, Oct 72 (527 ref.)

### DRUG RESISTANCE, MICROBIAL (G1)

The problem of drug-resistant malaria. Clyde DF.  
Am J Trop Med Hyg 21:736-43, Sep 72 (32 ref.)

### DRUG THERAPY (E2)

Pharmacogenetics. Vesell ES.  
N Engl J Med 287:904-9, 2 Nov 72 (26 ref.)  
Drug-induced extrapyramidal disorders. Chase TN.  
Res Publ Assoc Res Nerv Ment Dis 50:448-71, 1972 (138 ref.)

### DRUGS (D13)

Hepatic metabolism of drugs. Williams RT.  
Gut 13:579-85, Jul 72 (22 ref.)  
[Doping in sport] Pawlucz A.  
Wiad Lek 25:1433-7, 15 Aug 72 (8 ref.) (Eng. Abstr.) (Pol)

### DUODENAL DISEASES (C4)

[Duodenal diverticula] De Arzuza Zulaica E.  
Rev Esp Enferm Apar Dig 38:35-66, Jul 72 (76 ref.) (Spa)

### DUODENAL ULCER (C4)

[Medical treatment of gastric and duodenal ulcer] Myron J.  
Tidskr Nor Laegeforen 92:1386-91, 10 Aug 72 (11 ref.) (Eng. Abstr.) (Nor)

### DUODENUM (A3)

Ultrastructural studies on iron absorption in normal mouse duodenum. Nutr Rev 30:214-6, Sep 72 (4 ref.)

### DURA MATER (A8)

[Plastic repair of defects in the dura mater] Arutiunov AI, et al.  
Vopr Neirokhir 36:3-9, May-Jun 72 (34 ref.) (Eng. Abstr.) (Rus)

### DWARFISM (C3, C7)

[Short stature and genes] Koshimizu T, et al.  
Clin Endocrinol (Tokyo) 20:261-9, Apr 72 (45 ref.) (Jap)

### ECHINOCOCCOSIS, HEPATIC (C1, C4)

[Selection of surgical procedure in treatment of hepatic echinococcosis] Czerucki W.  
Pol Przegl Chir 44:1393-8, Aug 72 (18 ref.) (Pol)

### ECHOCARDIOGRAPHY (E1)

Ultrasound in cardiac diagnosis. Priddle RB, et al.  
Clin Radiol 23:160-73, Apr 72 (41 ref.)

### ECOLOGY (G1)

The ecological implications of insecticide usage in malaria programs. Brown AW.  
Am J Trop Med Hyg 21:829-34, Sep 72 (16 ref.)

### ELECTROCARDIOGRAPHY (E1)

[Interpretation of arrhythmia] Igarashi M.  
Jap J Clin Med 30:1746-55, Aug 72 (43 ref.) (Jap)  
[Surgical treatment of Wolff-Parkinson-White syndrome] Iwa T, et al.  
Jap J Clin Med 30:1779-89, Aug 72 (51 ref.) (Jap)  
[Classification and interpretation of WPW syndrome] Kuramoto K, et al.  
Jap J Clin Med 30:1770-8, Aug 72 (31 ref.) (Jap)  
[Exercise electrocardiogram using treadmill] Miyake K, et al. Jap J Clin Med 30:1731-6, Aug 72 (71 ref.) (Jap)  
[Clinical application of the His bundle electrogram (diagnosis of the site of ventricular block)] Takagi M, et al. Jap J Clin Med 30:1763-9, Aug 72 (32 ref.) (Jap)  
[Hemiblock] Toshima H, et al.  
Jap J Clin Med 30:1703-10, Aug 72 (51 ref.) (Jap)  
[Catecholamines and the electrocardiogram--experimental studies] Ueba Y, et al. Jap J Clin Med 30:1723-30, Aug 72 (29 ref.) (Jap)

### ELECTROENCEPHALOGRAPHY (E1)

Occipital alpha rhythm. Mulholland TB.  
Psychol Bull 78:170-7, Sep 72 (29 ref.)  
[Contingent negative variation: neurophysiological, psychological and clinical aspects of a new method of electroencephalographic research in man. (Critical review)] Papini M, et al.  
Riv Neurol 42:388-419, Jul-Aug 72 (69 ref.) (Eng. Abstr.) (Ita)

### ELECTRONARCOSIS (E3)

Regional electroanalgesia and its potentialities in control of orofacial pain. Fields RW, et al.  
Oral Surg 34:694-703, Oct 72 (51 ref.)

### EMBRYO (A10)

Early development of the embryo in non-human primates and man. Hendrickx AG.  
Acta Endocrinol [Suppl] (Kbh) 166:103-30, 1972 (80 ref.)

### EMOTIONS (F1)

Cerebral evolution and emotional processes: new findings on the striatal complex. MacLean PD.  
Ann NY Acad Sci 193:137-49, 25 Aug 72 (30 ref.)

### ENCEPHALITIS (C10)

Treatment of herpes simplex encephalitis. Illis LS, et al. J R Coll Physicians Lond 7:34-44, Oct 72 (42 ref.)

### ENDOCRINE DISEASES (C7)

The endocrines and arthritis. Grahame R.  
Rheumatol Phys Med 11:325-33, Aug 72 (53 ref.)

### ENDOSCOPY (E1)

[Endoscopy of the biliary tract (literature survey)] Panchenkov RT, et al.  
Khirurgia (Mosk) 48:141-4, Jul 72 (137 ref.) (Rus)



## ENDOTOXINS (D12)

- [Detoxification of bacterial endotoxins in vitro. 1. Review of literature] Bathke W. Arch Exp Veterinarmed 26:115-33, 1972 (127 ref.) (Eng. Abstr.) (Ger)

## ENTERITIS, REGIONAL (C4)

- [Treatment of Crohn's disease and the sequelae of small intestinal resection] Fausa O. Tidsskr Nor Lægeforen 92:1377-80, 10 Aug 72 (6 ref.) (Eng. Abstr.) (Nor)

## ENVIRONMENT (G3)

- Cardiovascular diseases related to geochemical environment. Hypertension and the geochemical environment. Perry HM Jr. Ann NY Acad Sci 199:302-16, 28 Jun 72 (48 ref.)

## ENZYME TESTS (E1)

- Utilization of leukocytes for the study of inborn errors of metabolism. Hsia DY. Enzyme 13:161-8, 1972 (36 ref.)

## ENZYMES (D9)

- Regulation of enzymes by small molecules. Colman RF. Ann NY Acad Sci 193:2-13, 25 Aug 72 (22 ref.) Problems posed by observations of serum enzyme changes in toxicology. Cornish HH. CRC Crit Rev Toxicol 1:1-32, Sep 71 (187 ref.)

## EPILEPSY, PETIT MAL (C10)

- [Anticonvulsants. 8. Petit mal in children] Herrlin KM. Lakartidningen 68:Suppl 3:91-7 p, 18 Oct 71 (41 ref.) (Eng. Abstr.) (Swe)

## EPINEPHRINE (D2, D5)

- [Participation of catecholamines in the regulation of carbohydrate metabolism of skeletal muscles in ontogenesis] Pertseva MN. Usp Sovrem Biol 72:339-50, Nov-Dec 71 (90 ref.) (Rus)

## ERYTHROBLASTOSIS, FETAL

(C9, C14, C16)

- Some immunological interactions between mother and fetus. Clarke CA. Postgrad Med J 48:199-206, Apr 72 (36 ref.) [Action of anti-D in the prevention of anti-Rh sensitization] Hummel K. Blut 25:207-13, Sep 72 (30 ref.) (Eng. Abstr.) (Ger)

## ERYTHROCYTES (A11)

- [Laboratory diagnosis of enzymopenic hemolytic anemia] Vetrilla M, et al. Pediatria (Napoli) 80:186-97, 1972 (64 ref.) (Ita)

## ERYTHROPOIETIN (D12)

- Erythropoietin: pharmacology, biogenesis and control of production. Fisher JW. Pharmacol Rev 24:459-508, Sep 72 (452 ref.)

## ESCHERICHIA COLI (B3)

- Genetic approach to DNA replication and its control in Escherichia coli. Hirota Y, et al. Fed Proc 31:1422-7, Sep-Oct 72 (69 ref.)

## ESOPHAGEAL NEOPLASMS (C2)

- Reconstruction of the hypopharynx and cervical esophagus. Leonard JR, et al. Otolaryngol Clin North Am 5:435-46, Oct 72 (23 ref.)

## ESOPHAGOPLASTY (E4)

- Reconstruction of the hypopharynx and cervical esophagus. Leonard JR, et al. Otolaryngol Clin North Am 5:435-46, Oct 72 (23 ref.)

## EVOLUTION (G1)

- Cerebral evolution and emotional processes: new findings on the striatal complex. MacLean PD. Ann NY Acad Sci 193:137-49, 25 Aug 72 (30 ref.)

## EXERCISE TEST (E1)

- [Evaluation of drug effects by exercise electrocardiograms] Kimura E, et al. Jap J Clin Med 30:1739-45, Aug 72 (25 ref.) (Jap) [Exercise electrocardiogram using treadmill] Miyake K, et al. Jap J Clin Med 30:1731-8, Aug 72 (71 ref.) (Jap)

## EXERTION (G1)

- [Gymnastics and sport] Miles H. Munch Med Wochenschr 114:1394-401, 4 Aug 72 (72 ref.) (Ger)

## EXTRAPYRAMIDAL TRACTS (A8)

- Drug-induced extrapyramidal disorders. Chase TN. Res Publ Assoc Res Nerv Ment Dis 50:448-71, 1972 (138 ref.) Dopamine and extrapyramidal motor function and dysfunction. Hornykiewicz O. Res Publ Assoc Res Nerv Ment Dis 50:390-415, 1972 (94 ref.)

## EXTREMITIES (A1, A2)

- Developmental control of three-dimensional polarity in the avian limb. Saunders JW Jr. Ann NY Acad Sci 193:29-42, 25 Aug 72 (28 ref.) Long-term results of upper limb surgery in cerebral palsy. Samilson RL, et al. Reconstr Surg Traumatol 13:43-50, 1972 (15 ref.)

## EYE DISEASES (C11)

- Ocular manifestations of systemic diseases. Schmidt I. Am J Optom 49:691-9, Aug 72 (61 ref.) [Corticosteroids in ophthalmology] Trzeńska-Dąbrowska Z. Pol Tyg Lek 27:1008-10, 26 Jun 72 (27 ref.) (Pol)

## EYE MANIFESTATIONS (C11)

- Ocular manifestations of systemic diseases. Schmidt I. Am J Optom 49:691-9, Aug 72 (61 ref.)

## EYE NEOPLASMS (C2)

- [New aspects of the treatment of retinoblastoma] Klouček F. Cesk Oftalmol 28:309-20, Sep 72 (71 ref.) (Cse)

## FACIAL NERVE (A8)

- Advances in facial nerve repair. Smith JW. Surg Clin North Am 52:1287-306, Oct 72 (47 ref.) [Pathophysiology of synkinesias and contractures following peripheral facial paralysis. (Review of literature including an attempt at interpretation on the basis of the adjustment principle)] Groach H, et al. Fortschr Neurol Psychiatr 40:339-69, Jul 72 (126 ref.) (Eng. Abstr.) (Ger)

## FACIAL PARALYSIS (C10)

- Advances in facial nerve repair. Smith JW. Surg Clin North Am 52:1287-306, Oct 72 (47 ref.) [Pathophysiology of synkinesias and contractures following peripheral facial paralysis. (Review of literature including an attempt at interpretation on the basis of the adjustment principle)] Groach H, et al. Fortschr Neurol Psychiatr 40:339-69, Jul 72 (126 ref.) (Eng. Abstr.) (Ger)

## FATTY ACIDS, UNSATURATED (D11)

- Effect of unsaturated fatty acid composition on lecithin-cholesterol interactions. Nutr Rev 30:216-8, Sep 72 (8 ref.)

## FEEDING BEHAVIOR (F1)

- Maintenance schedules and hunger drive: an examination of the rat literature. Weinstock RB. Psychol Bull 78:311-20, Oct 72 (55 ref.)

## FETAL DEATH (C6, G1, N1)

- Abnormalities of intrauterine development in non-human primates. Wilson JG. Acta Endocrinol [Suppl] (Kbh) 166:261-92, 1972 (101 ref.)

## FETAL GLOBULINS (D10)

- Human alpha-feto-protein. Masseyeff R. Pathol Biol (Paris) 20:703-25, Sep 72 (168 ref.)

## FETAL MEMBRANES (A10)

- Early development of the embryo in non-human primates and man. Hendrickx AG. Acta Endocrinol [Suppl] (Kbh) 166:103-30, 1972 (80 ref.)

## FETUS (A10)

- Abnormalities of intrauterine development in non-human primates. Wilson JG. Acta Endocrinol [Suppl] (Kbh) 166:261-92, 1972 (101 ref.) Current concepts in antepartum and intrapartum fetal

- evaluation. Freeman RK, et al. Curr Probl Pediatr 2:1-29, Jul 72 (50 ref.) Some immunological interactions between mother and fetus. Clarke CA. Postgrad Med J 48:199-206, Apr 72 (36 ref.) Digestion and metabolism of carbohydrates in the foetal and neonatal ruminant. Leat WM. Proc Nutr Soc 30:236-43, Dec 71 (47 ref.)

## FIELD

### DEPENDENCE-INDEPENDENCE (F1)

- The distinctiveness of field independence. Vernon PE. J Pers 40:366-91, Sep 72 (114 ref.)

### FINGER INJURIES (C14)

- Digital nerve repairs. Buncke HJ Jr. Surg Clin North Am 52:1267-85, Oct 72 (80 ref.)

### FINGERS (A1, A2)

- Digital nerve repairs. Buncke HJ Jr. Surg Clin North Am 52:1267-85, Oct 72 (80 ref.)

### FOOD ADDITIVES (D13, J)

- Antibiotics as feedstuff additives: the risk-benefit equation for man. Kiser JS, et al. CRC Crit Rev Toxicol 1:55-92, Sep 71 (83 ref.)

### FOOD ANALYSIS (E5, J)

- Carotenoid vitamin A precursors and analogs in foods and feeds. Bauernfeind JC. J Agric Food Chem 20:456-73, May-Jun 72 (243 ref.) [Trace elements in food. VI. Copper] Schlettwein-Gesell D, et al. Int J Vitam Nutr Res 41:554-82, 1971 (71 ref.) (Eng. Abstr.) (Ger)

### FOOD CONTAMINATION (G3)

- [Food hazards] Unterhalt B. Z Allgemeinmed 48:683-92, 20 May 72 (62 ref.) (Ger)

### FOOD DEPRIVATION (F1)

- Maintenance schedules and hunger drive: an examination of the rat literature. Weinstock RB. Psychol Bull 78:311-20, Oct 72 (55 ref.)

### FORM PERCEPTION (F1)

- Note on immediate memory for digits: invariance over the years. Spitz HH. Psychol Bull 78:183-5, Sep 72 (14 ref.)

### FREEZING (H)

- [Deep-freeze preservation of blood] Seidl S. Blut 25:145-9, Sep 72 (34 ref.) (Ger)

### FUNGI (B5)

- [Current problems of aerobiology (survey of the literature)] Vlodavets VV. Zh Mikrobiol Epidemiol Immunobiol 49:56-9, Jun 72 (52 ref.) (Rus)

### GALACTOSIDASE (D9)

- Biochemistry of -galactosidases. Day PM, et al. Adv Enzymol 36:91-130, 1972 (257 ref.)

### GANGLIA, BASAL (A8)

- Cerebral evolution and emotional processes: new findings on the striatal complex. MacLean PD. Ann NY Acad Sci 193:137-49, 25 Aug 72 (30 ref.) [The role of dopamine in the physiology and pathology of the basal ganglia] Arushanian EB. Zh Nevropatol Psikhiatr 72:595-603, 1972 (181 ref.) (Rus)

### GASTRIC JUICE (A12)

- Cyclic AMP and gastric secretion. Amer MS. Am J Dig Dis 17:945-53, Oct 72 (103 ref.)

### GASTRIC MUCIN (D10)

- The structure and function of gastric mucus. Allen A, et al. Gut 13:666-72, Aug 72 (36 ref.)

### GASTRIN (D8)

- [Progress in gastrin research] Kaess H. Leber Magen Darm 2:115-8, Jun 72 (29 ref.) (Eng. Abstr.) (Ger)

## GASTRITIS

### GASTRITIS (C4)

[Chronic gastritis. IV. Pathology of chronic gastritis] Attila B, et al.  
Orv Hetil 113:3511-7, 15 Oct 72 (33 ref.) (Hun)

### GASTROINTESTINAL DISEASES (C4)

Smoking and the gastrointestinal tract. Bennett JR.  
Gut 13:656-65, Aug 72 (77 ref.)  
[Medium-chain fats in dietetic treatment of some disorders of the digestive tract] Foltyn H, et al.  
Pol Tyg Lek 27:1207-10, 31 Jul 72 (30 ref.) (Pol)  
[Progress in research on digestive tract pathology] Fodor O, et al.  
Med Interna (Bucur) 24:771-84, Jul 72 (49 ref.) (Rum)

### GASTROINTESTINAL NEOPLASMS (C2)

Diagnosis of gastrointestinal cancer: current status and recent progress. Sherlock P, et al.  
Gastroenterology 63:672-700, Oct 72 (339 ref.)  
Smoking and the gastrointestinal tract. Bennett JR.  
Gut 13:656-65, Aug 72 (77 ref.)

### GASTROINTESTINAL SYSTEM (A3)

Carbohydrate digestion and glucose supply in the gut of the ruminant. Sutton JD.  
Proc Nutr Soc 30:243-8, Dec 71 (26 ref.)  
[Slow waves of smooth muscle of the gastrointestinal tract] Ichikawa S.  
Jap J Smooth Muscle Res 8:16-31, Mar 72 (89 ref.) (Jap)

### GEL FILTRATION (H)

Solute-gel interactions in gel filtration. Williams KW.  
Lab Pract 21:667-70, Sep 72 (68 ref.)

### GELS (D13)

Solute-gel interactions in gel filtration. Williams KW.  
Lab Pract 21:667-70, Sep 72 (68 ref.)

### GENERAL PRACTICE (G2)

Quality in general practice. A commentary on the quality of care provided by general practitioners. Honigsbaum F.  
J R Coll Gen Pract 22:429-51, Jul 72 (137 ref.)

### GENES (G1)

Enzymatic basis for blood groups in man. Ginsburg V.  
Adv Enzymol 36:131-49, 1972 (62 ref.)  
[Short stature and genes] Koshimizu T, et al.  
Clin Endocrinol (Tokyo) 20:261-9, Apr 72 (45 ref.) (Jap)

### GENETIC INTERVENTION (G1)

On the threshold of biologic engineering. Good RA.  
Am J Med Technol 38:153-62, May 72 (52 ref.)

### GENETICS, BIOCHEMICAL (G1)

Genetic aspects of hemoglobin synthesis. Schmidt B.  
Angew Chem (Engl) 11:576-83, Jul 72 (67 ref.)

### GENETICS, HUMAN (G1)

[Philosophical and sociological aspects of human genetics. I] Dubinin NP.  
Z Aerzt Fortbild (Jena) 66:437-43, 1 May 72 (Ger)

### GERM CELLS (A11)

Gametogenesis. Baker TG.  
Acta Endocrinol [Suppl] (Kbh) 166:18-41, 1972 (137 ref.)

### GESTATIONAL AGE (G1)

Current concepts in antepartum and intrapartum fetal evaluation. Freeman RK, et al.  
Curr Probl Pediatr 2:1-39, Jul 72 (50 ref.)  
[Determination of fetal maturity by amniotic fluid (literature survey)] Chernukha EA, et al.  
Vopr Okhr Materin Det 17:66-71, Jun 72 (48 ref.) (Rus)

### GLAUCOMA (C11)

Glaucoma. Armaty MF.  
Arch Ophthalmol 88:439-60, Oct 72 (232 ref.)  
[Negative influence of some agents on eye condition in primary glaucoma] Chranowska-Srzednicka K, et al.  
Przeg Lek 29:694-8, 1972 (25 ref.) (Pol)

## MEDICAL REVIEWS

### GLUCOCORTICOIDS (D8)

[Catecholamines and corticosteroids (molecular aspects of the interrelations of 2 basic adaptational systems)] Utevsikf AM, et al.  
Usp Sovrem Biol 73:323-41, May-Jun 72 (200 ref.) (Rus)

### GLUCONEOGENESIS (G1)

Gluconeogenesis. Exton JH.  
Metabolism 21:945-90, Oct 72 (183 ref.)

### GLUCOSE (D11)

The role of insulin in the regulation of glucose metabolism. Hales CN.  
Proc Nutr Soc 30:282-8, Dec 71 (22 ref.)  
Changes in the pattern of glucose metabolism in growth, pregnancy and lactation in ruminants. Lindsay DB. Proc Nutr Soc 30:272-7, Dec 71 (42 ref.)  
Glucose metabolism in the ruminant. Smith GH. Proc Nutr Soc 30:265-72, Dec 71 (23 ref.)  
Carbohydrate digestion and glucose supply in the gut of the ruminant. Sutton JD.  
Proc Nutr Soc 30:243-8, Dec 71 (26 ref.)

### GLUCOSYLTRANSFERASES (D9)

[McArdle's syndrome] Pernow B.  
Lakartidningen 69:4005-10, 30 Aug 72 (27 ref.) (Eng. Abstr.) (Swe)

### GLYCOGENOSIS (C13)

[McArdle's syndrome] Pernow B.  
Lakartidningen 69:4005-10, 30 Aug 72 (27 ref.) (Eng. Abstr.) (Swe)

### GONADOTROPINS (D8)

[Gonadotropin therapy of female sterility] Breckwoldt M. Med Klin 67:873-9, 23 Jun 72 (27 ref.) (Ger)

### GOUT (C3, C13)

Drug treatment of gout. Kelley WN, et al.  
Semin Drug Treat 1:119-47, Sep 71 (274 ref.)

### GRIEF (F1)

Child bereavement and adult psychiatric disturbance. Hill OW. J Psychosom Res 16:357-60, Aug 72 (20 ref.)

### GROWTH (G1)

Changes in the pattern of glucose metabolism in growth, pregnancy and lactation in ruminants. Lindsay DB. Proc Nutr Soc 30:272-7, Dec 71 (42 ref.)

### GYMNASTICS (E2, I)

[Gymnastics and sport] Mies H.  
Munch Med Wochenschr 114:1394-401, 4 Aug 72 (72 ref.) (Ger)

### GYNECOLOGIC DISEASES (C6)

The surgical pathology of the reproductive system and breast during oral contraceptive therapy. Fechner RE. Pathol Annu 8:299-319, 1971 (142 ref.)

### HALLUCINOGENS (D6)

Analysis of hallucinogenic drugs. Sperling A.  
J Chromatogr Sci 10:268-75, May 72 (48 ref.)

### HAY FEVER (C5, C14)

Ragweed pollen: a review. Goldfarb AR.  
J Asthma Res 9:139-52, Mar 72 (73 ref.)  
[Reagin and immunoglobulin E (IgE)] Jäger L, et al.  
Allerg Immunol (Leips) 17:265-90, 1971 (94 ref.) (Ger)

### HEADACHE (C17)

Pizotifen (BC-105): a review of its pharmacological properties and its therapeutic efficacy in vascular headaches. Speight TM, et al.  
Drugs 3:159-203, 1972 (63 ref.)

### HEART (A7)

Reparative processes in heart muscle following myocardial infarction. Bing RJ.  
Cardiology 56:314-24, 1971 (20 ref.)  
[Evaluation of heart contractility] Morgenstern C, et al.  
Dtsch Med Wochenschr 97:1563-8, 13 Oct 72 (27 ref.) (Ger)  
[Review of literature and experimental contribution on KO 592 a drug with beta-adrenolytic activity. II] Marmo E, et al.  
Chia Ter 62:117-63, 19 Jul 72 (406 ref.) (Ita)

### HEART BLOCK (C8)

[Clinical application of the His bundle electrogram (diagnosis of the site of ventricular block)] Takagi M, et al. Jap J Clin Med 30:1762-9, Aug 72 (32 ref.) (Jap)  
[Hemiblock] Tashima H, et al.  
Jap J Clin Med 30:1702-10, Aug 72 (51 ref.) (Jap)

### HEART CONDUCTION SYSTEM (A7)

[Clinical application of the His bundle electrogram (diagnosis of the site of ventricular block)] Takagi M, et al. Jap J Clin Med 30:1762-9, Aug 72 (32 ref.) (Jap)

### HEART DISEASES (C8)

Ultrasound in cardiac diagnosis. Priddle RB, et al.  
Cln Radiol 23:160-73, Apr 72 (41 ref.)

### HEART VENTRICLE (A7)

Performance of the left ventricle. Mitchell JH, et al.  
Am J Med 53:481-94, Oct 72 (64 ref.)

### HEMATEMESIS (C4, C17)

Review of haematemesis and melena in Thomson Road General Hospital, with special reference to peptic ulcer. Long CK, et al.  
Singapore Med J 13:135-40, Jun 72

### HEMATOPOIESIS (G1)

[Postirradiation restoration of hematopoiesis during treatment with autologous bone marrow] Strelin GS, et al.  
Usp Sovrem Biol 72:375-90, Nov-Dec 71 (157 ref.) (Rus)

### HEMODIALYSIS (E2)

Control of hepatitis in dialysis units. Marmion BP, et al.  
Br Med Bull 28:169-79, May 72 (55 ref.)

### HEMOGLOBIN (D10)

Genetic aspects of hemoglobin synthesis. Schmidt B.  
Angew Chem (Engl) 11:576-83, Jul 72 (67 ref.)

### HEMOPHILIA (C9)

[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrono G.  
Pediatrics (Napoli) 88:170-85, 1972 (86 ref.) (Ita)

### HEMORRHAGE (C17)

[The condition of the formed elements of the blood in acute and chronic hemorrhage (a review of Soviet and foreign literature)] Golovin GV, et al.  
Vestn Khir 106:136-41, Apr 72 (Rus)

### HEPATITIS (C4)

[Autoimmune hepatitis. Clinical and immunopathological aspects] Berg PA, et al.  
Dtsch Med Wochenschr 97:1466-73, 29 Sep 72 (69 ref.) (Ger)

### HEPATITIS, HOMOLOGOUS SERUM (C1, C4)

Early studies of viral hepatitis. MacCallum FO.  
Br Med Bull 28:105-8, May 72  
Hepatitis in transfusion services. Maycock W d'A.  
Br Med Bull 28:163-8, May 72 (44 ref.)  
The course of long incubation (virus B) hepatitis. Sherlock S. Br Med Bull 28:109-13, May 72 (34 ref.)  
Laboratory tests for Australia (hepatitis-associated) antigen and antibody. Taylor PE.  
Br Med Bull 28:136-41, May 72 (40 ref.)  
Pathology of viral hepatitis. Weinbren K, et al.  
Br Med Bull 28:125-30, May 72 (54 ref.)  
Chronic hepatitis. Wright R.  
Br Med Bull 28:130-4, May 72 (50 ref.)

### HEPATITIS, INFECTIOUS (C1, C4)

Antigen in infectious hepatitis. Ferris AA.  
Br Med Bull 28:131-3, May 72 (9 ref.)  
Early studies of viral hepatitis. MacCallum FO.  
Br Med Bull 28:105-8, May 72  
Control of hepatitis in dialysis units. Marmion BP, et al.  
Br Med Bull 28:169-79, May 72 (55 ref.)  
Hepatitis in transfusion services. Maycock W d'A.  
Br Med Bull 28:163-8, May 72 (44 ref.)  
Epidemiology of infectious hepatitis. Rowland AJ, et al.  
Br Med Bull 28:149-55, May 72 (56 ref.)  
Pathology of viral hepatitis. Weinbren K, et al.  
Br Med Bull 28:125-30, May 72 (54 ref.)  
Chronic hepatitis. Wright R.  
Br Med Bull 28:130-4, May 72 (50 ref.)  
Laboratory investigation into the aetiology of human



viral hepatitis. Zuckerman AJ.  
Br Med Bull 28:134-7, May 72 (22 ref.)

## HERPES SIMPLEX (C1, C12)

Treatment of herpes simplex encephalitis. Ellis LS, et al. J R Coll Physicians Lond 7:34-44, Oct 72 (42 ref.)

## HETEROCYCLIC COMPOUNDS (D2)

[Metabolism of tricyclic antidepressive agents] Caillé G, et al.  
Rev Can Biol 31:Suppl:59-71, 1972 (23 ref.) (Fre)

## HEXOSYLTRANSFERASES (D9)

Enzymatic basis for blood groups in man. Ginsburg V.  
Adv Enzymol 36:131-49, 1972 (62 ref.)

## HIPPOCAMPUS (A8)

Hippocampal physiology: experiments on regulation of its electrical activity, on the mechanism of seizures, and on a hypothesis of learning. Izquierdo I.  
Behav Biol 7:869-96, Oct 72 (151 ref.)

## HISTAMINE LIBERATION (G1)

Immunological release of the chemical mediators of anaphylaxis. Orange RP, et al.  
Ciba Found Study Group 38:99-120, 1971 (85 ref.)

## HISTOCOMPATIBILITY (G1)

Genetics and immunology of sex-linked antigens. Gasser DL, et al. Adv Immunol 15:215-47, 1972

## HISTOCOMPATIBILITY ANTIGENS (D12)

[The HL-A-system] Mayr WR.  
Folia Haematol (Leipz) 97:245-56, 1972 (70 ref.) (Eng. Abstr.) (Ger)

## HISTOCOMPATIBILITY TESTING (E5)

Tissue typing and organ transplantation. Singal DP.  
Can J Surg 15:295-9, Sep 72 (27 ref.)

## HODGKIN'S DISEASE (C2)

Biology of malignant neoplasia of the lymphoreticular tissues. Dorfman RF.  
J Reticuloendothel Soc 12:239-56, Sep 72  
[Significance of exploratory laparotomy and splenectomy in the classification and choice of therapeutic methods in the treatment of Hodgkin's disease] Judkiewicz L, et al.  
Pol Tyg Lek 27:1490-2, 18 Sep 72 (20 ref.) (Pol)

## HOMEOSTASIS (G1)

[Modeling of humoral regulation of cell proliferation in adult animal tissues] Iakovlev Alu.  
Tsitolgia 14:685-96, Jun 72 (82 ref.) (Eng. Abstr.) (Rus)

## HOSPITAL COMMUNICATION SYSTEMS (N4)

[Clinical data using electronic computers] Ferrer Serrate F.  
Rev Med Univ Navarra 16:1-47, Mar 72 (174 ref.) (Spa)

## HOSPITAL OUTPATIENT CLINICS (N2)

Psychoactive drugs in outpatient therapy. Gottschalk LA. Psychiatry Med 2:116-25, Apr 71 (47 ref.)

## HUNGER (F1)

Maintenance schedules and hunger drive: an examination of the rat literature. Weinstock RB.  
Psychol Bull 78:311-20, Oct 72 (55 ref.)

## HYDROCEPHALUS (C10, C16)

[Communicating hydrocephalus with normal pressure] Simone F, et al.  
Riv Neurol 42:54-95, Jan-Feb 72 (109 ref.) (Eng. Abstr.) (Ita)

## HYDROGEN SULFIDE (D1)

[Hydrogen sulfide balneotherapy of skin diseases (review)] Studnitsin AA, et al.  
Vestn Dermatol Venerol 46:22-9, Jul 72 (76 ref.) (Eng. Abstr.) (Rus)

## HYPERLIPEMIA (C13)

Dietary carbohydrate and postprandial hyperlipemia. Nutr Rev 30:208-9, Sep 72 (16 ref.)

## HYPERSENSITIVITY, IMMEDIATE (C14)

[Role of biologically active substances in the pathogenesis of experimental allergy and bronchial asthma (literature review)] Chistiakov GM.  
Vopr Okhr Materin Det 17:34-7, Feb 72 (52 ref.) (Rus)

## HYPERTENSION (C8)

Cardiovascular diseases related to geochemical environment. Hypertension and the geochemical environment. Perry HM Jr.  
Ann NY Acad Sci 199:203-16, 28 Jun 72 (46 ref.)  
Blood pressure as a factor in radiotherapy. Jenkin RD.  
Mod Trends Radiother 3:157-64, 1972 (8 ref.)

## HYPOPITUITARISM (C7)

[Etiology and pathogenesis of Sheehan's syndrome (review of the literature)] Pasha SP.  
Akush Ginekol (Mosk) 48:20-3, May 72 (33 ref.) (Eng. Abstr.) (Rus)

## IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS (C8)

[Surgical treatment of hypertrophic stenosing cardiomyopathy] Serafin R.  
Pol Tyg Lek 27:1325-6, 21 Aug 72 (14 ref.) (Pol)

## IGA (D10, D12)

[Secretory IgA; determination in saliva] Vervloet D, et al. Mars Med 109:289-306, 1972 (78 ref.) (Fre)

## IGE (D10, D12)

[Reagin and immunoglobulin E (IgE)] Jäger L, et al. Allerg Immunol (Leipz) 17:265-80, 1971 (94 ref.) (Ger)

## ILEUM (A3)

[Review of literature and experimental contribution on KO 592 a drug with beta-adrenolytic activity. II] Marmo E, et al.  
Chim Ter 62:117-63, 19 Jul 72 (408 ref.) (Ita)

## IMITATIVE BEHAVIOR (F1)

Social imitation—a neglected factor in psychotherapy? Davies MH. Br J Psychiatry 121:281-5, Sep 72 (22 ref.)

## IMMUNITY, CELLULAR (G1)

The secretory immune system of the intestine. Doe WF. Gut 13:572-8, Jul 72 (48 ref.)  
Cell-mediated immune responses in oral disease: a review. Lechner T. J Oral Pathol 1:39-58, 1972 (73 ref.)  
[Physiological aspects of cellular and humoral immunoreactions] Thiele HG.  
Monatsschr Kinderheilkd 120:197-201, 5 Jun 72 (25 ref.)

## IMMUNOGENETICS (G1)

Genetics and immunology of sex-linked antigens. Gasser DL, et al. Adv Immunol 15:215-47, 1972

## IMMUNOGLOBULINS (D10, D12)

The immunologic response to plasmodium. Cohen S, et al. Am J Trop Med Hyg 21:713-21, Sep 72 (55 ref.)  
[Biological characteristics of antibodies belonging to different classes of immunoglobulins]  
Chernokhovostova EV.  
Usp Sovrem Biol 73:444-57, May-Jun 72 (100 ref.) (Rus)

## IMMUNOLOGIC DEFICIENCY SYNDROMES (C9, C14)

The complement system of man. 4. Ruddy S, et al. N Engl J Med 287:642-6, 28 Sep 72 (65 ref.)

## IMMUNOLOGY (G2)

On the threshold of biologic engineering. Good RA. Am J Med Technol 38:153-62, May 72 (52 ref.)

## IMMUNOSUPPRESSION (E2, E5)

[Action of anti-D in the prevention of anti-Rh sensitization] Hummel K.  
Blut 25:207-13, Sep 72 (30 ref.) (Eng. Abstr.) (Ger)

## IMMUNOSUPPRESSIVE AGENTS (D4)

Antineoplastic and immunosuppressive drugs. I. Biochemical and clinical pharmacological considerations. Chalmers AH, et al.  
Drugs 3:227-53, 1972 (132 ref.)

## IMPRINTING (PSYCHOLOGY) (F1)

The natural history of imprinting. Hess EH.  
Ann NY Acad Sci 193:124-36, 25 Aug 72 (22 ref.)

## INERT GAS NARCOSIS (C10, C14)

Some comments on "a behavioral approach to nitrogen narcosis". Fowler B.  
Psychol Bull 78:234-40, Sep 72 (31 ref.)

## INFANT, NEWBORN, DISEASES (C16)

[Vomiting in infancy. Pediatric-surgical aspects] Bettex M.  
Monatsschr Kinderheilkd 120:279-82, Jul 72 (4 ref.) (Ger)  
[Vomiting in infancy. Pediatric-radiological aspects] Holthusen W.  
Monatsschr Kinderheilkd 120:274-8, Jul 72 (12 ref.) (Ger)  
[Persisting vomiting in infancy. Pediatric aspects] Schäfer KH.  
Monatsschr Kinderheilkd 120:268-73, Jul 72 (12 ref.) (Ger)

## INFLUENZA VIRUSES (B4)

[Current concepts on the structure of the influenza virus virion] Gendron IuZ, et al.  
Usp Sovrem Biol 73:386-409, May-Jun 72 (87 ref.) (Rus)

## INFORMATION RETRIEVAL SYSTEMS (L)

[Clinical data using electronic computers] Ferrer Serrate F.  
Rev Med Univ Navarra 16:1-47, Mar 72 (174 ref.) (Spa)

## INJECTIONS (E2)

Intracranial chemical injection and behavior: a critical review. Routenberg A.  
Behav Biol 7:601-41, Oct 72 (110 ref.)

## INSECT VECTORS (B1)

The influence of vector behavior on malaria transmission. Elliott R.  
Am J Trop Med Hyg 21:755-63, Sep 72 (29 ref.)

## INSECTICIDES (D3)

The ecological implications of insecticide usage in malaria programs. Brown AW.  
Am J Trop Med Hyg 21:829-34, Sep 72 (16 ref.)

## INSTINCT (F1)

Instinct, appetites and medicine. Denton D.  
Aust NZ J Med 2:203-12, May 72 (38 ref.)

## INSULIN (D8)

Insulin and oral hypoglycaemic agents. II. Clinical and therapeutic aspects. Bredahl HD, et al.  
Drugs 3:204-26, 1972 (41 ref.)  
Influence of hormones on enzyme activity in mouse mammary gland in vitro. Rivera EM.  
J Dairy Sci 55:1306-16, Sep 72 (49 ref.)  
The role of insulin in the regulation of glucose metabolism. Hales CN.  
Proc Nutr Soc 30:283-8, Dec 71 (22 ref.)

## INTESTINAL ABSORPTION (G1)

Intestinal absorption of carbohydrates in man. McMichael HB.  
Proc Nutr Soc 30:248-54, Dec 71 (38 ref.)  
Problems in carbohydrate absorption and metabolism. Mansford KR. Proc Nutr Soc 30:230-6, Dec 71 (53 ref.)

## INTESTINAL DISEASES (C4)

Intestinal intolerance to sugars in children. A review. Axton JH. Cent Afr J Med 18:118-21, Jun 72 (17 ref.)

## INTESTINAL MUCOSA (A3, A10)

The secretory immune system of the intestine. Doe WF. Gut 13:572-8, Jul 72 (48 ref.)

## INTESTINE, SMALL (A3)

Intestinal transplantation. Ruiz JO, et al.  
Am J Proctol 23:379-93, Oct 72 (42 ref.)

## INTESTINE, SMALL

- [Treatment of Crohn's disease and the sequelae of small intestinal resection] Fausa O.  
Tidsskr Nor Lægeforen 92:1377-80, 10 Aug 72 (6 ref.) (Eng. Abstr.) (Nor)  
[Clinical consequences of small intestine resection] Krygier T.  
Pol Tyg Lek 27:1097-9, 10 Jul 72 (12 ref.) (Pol)

## INTESTINES (A3)

- The secretory immune system of the intestine. Doe WF. Gut 13:573-8, Jul 72 (48 ref.)  
Reconstruction of the hypopharynx and cervical esophagus. Leonard JR, et al.  
Otolaryngol Clin North Am 5:435-46, Oct 72 (23 ref.)

## INTRACRANIAL PRESSURE (G1)

- [Communicating hydrocephalus with normal pressure] Simone F, et al.  
Riv Neurol 42:54-95, Jan-Feb 72 (109 ref.) (Eng. Abstr.) (Ita)  
[Intracranial pressure changes under anesthesia] Gordon E.  
Lakartidningen 69:3641-8, 2 Aug 72 (52 ref.) (Eng. Abstr.) (Swe)

## INTRAUTERINE DEVICES (E2)

- Recent research on the mode of action of intra-uterine devices in primates. Eckstein P.  
Acta Endocrinol [Suppl] (Kbh) 166:364-80, 1972 (57 ref.)

## ION EXCHANGE (H)

- Effects of digitals on myocardial ionic exchange. Langer GA. Circulation 46:180-7, Jul 72 (42 ref.)

## IRON (D1, D7)

- Bioinorganic chemistry. Simple models of iron sites in some biological systems. Canham GW, et al.  
J Chem Educ 49:656-60, Oct 72 (85 ref.)  
Ultrastructural studies on iron absorption in normal mouse duodenum. Nutr Rev 30:214-6, Sep 72 (4 ref.)

## JAUNDICE (C17)

- [Paths and mechanisms of bilirubin elimination in jaundice] Pirwitz B.  
Pol Tyg Lek 27:1141-3, 17 Jul 72 (24 ref.) (Pol)

## KALLIKREIN (D5, D9)

- Leukocyte kininogenases and leukokinsins from normal and malignant cells. Greenbaum LM.  
Am J Pathol 68:613-24, Sep 72 (27 ref.)

## KIDNEY (A5)

- Quantitative derivatives of renal radiologic studies. An overview. Abrams HL.  
Invest Radiol 7:240-79, Jul-Aug 72 (119 ref.)  
Glucocorticogenesis. Exton JH.  
Metabolism 21:945-90, Oct 72 (183 ref.)  
Blood pressure as a factor in radiotherapy. Jenkin RD.  
Mod Trends Radiother 2:157-64, 1972 (8 ref.)  
Coupled ion and fluid transport in the kidney. Giebisch G. N Engl J Med 287:913-9, 2 Nov 72 (16 ref.)  
The primary nephrotic syndrome of childhood. Classification and clinicopathologic study of 406 cases. Habib R, et al. Pathol Annu 6:417-74, 1971 (77 ref.)  
[Morphological studies of the kidney] Takeuchi T.  
Jap J Clin Med 30:1288-90, Jun 72 (26 ref.) (Jap)

## KIDNEY, ARTIFICIAL (E2, E4)

- [Artificial kidney—its present status and future prospect] Nakagawa S, et al.  
Jap J Clin Med 30:1461-7, Jun 72 (16 ref.) (Jap)

## KIDNEY DISEASES (C6)

- A review of the treatment of canine renal disease. Bush BM. Vet Rec 90:669-78, 10 Jun 72 (117 ref.)

## KIDNEY FAILURE, CHRONIC (C6)

- [Disorders of calcium metabolism in kidney failure] Ritz E, et al.  
Med Klin 67:1129-32, 8 Sep 72 (50 ref.) (Ger)

## KIDNEY NEOPLASMS (C2)

- Errors in the diagnosis of Wilms' tumors. Shackelford GD, et al.  
CRC Crit Rev Radiol Sci 3:171-96, Apr 72 (85 ref.)

## KININS (D10)

- Leukocyte kininogenases and leukokinsins from normal and malignant cells. Greenbaum LM.  
Am J Pathol 68:613-24, Sep 72 (27 ref.)

## MEDICAL REVIEWS

### KNEE JOINT (A2)

- Operative treatment of the knee joint in cerebral palsy. Tschul F.  
Reconstr Surg Traumatol 13:99-106, 1972 (20 ref.)

### KWASHIORKOR (C13)

- Serum transferrin levels and the assessment of protein nutritional status. Nutr Rev 30:305-7, Sep 72 (12 ref.)

### LABYRINTH DISEASES (C11)

- [The central vestibular syndrome. Anatomic-functional bases and symptomatologic expression] Barraquer-Bordas L.  
Acta Otorinolaryngol Iber Am 23:349-56 passim, 1972 (51 ref.) (Eng. Abstr.) (Spa)

### LACTATION (G1)

- Changes in the pattern of glucose metabolism in growth, pregnancy and lactation in ruminants. Lindsay DB. Proc Nutr Soc 30:272-7, Dec 71 (42 ref.)  
Glucose metabolism in the ruminant. Smith GH. Proc Nutr Soc 30:265-72, Dec 71 (23 ref.)

### LEARNING (F1)

- The possible role of the adrenergic systems of the cortex in learning. Kety SS.  
Res Publ Assoc Res Nerv Ment Dis 56:376-89, 1972 (54 ref.)

### LECITHINS (D11)

- Effect of unsaturated fatty acid composition on lecithin-cholesterol interactions.  
Nutr Rev 30:216-8, Sep 72 (8 ref.)

### LEISHMANIASIS (C1)

- V. Leishmaniasis. Epidemiology: transmission. Lainson R. Trop Dis Bull 69:469-78, Jun 72

### LEUKEMIA (C2)

- [Diagnosis and classification of acute leukemias] Urasinski I, et al.  
Pol Tyg Lek 27:1326-9, 21 Aug 72 (26 ref.) (Pol)

### LEUKEMIA, LYMPHOBLASTIC (C2)

- [Progress in the chemotherapy of acute leukemias] Pötting W.  
Dtsch Med Wochenschr 97:1512-5, 6 Oct 72 (6 ref.) (Ger)

### LEUKEMIA, MYELOBLASTIC (C2)

- [Progress in the chemotherapy of acute leukemias] Pötting W.  
Dtsch Med Wochenschr 97:1512-5, 6 Oct 72 (6 ref.) (Ger)

### LEUKEMIA, MYELOCYTIC (C2)

- Neutrophil alkaline phosphatase, the Philadelphia chromosome and chronic myeloid leukaemia: a critical review. Sewell RL.  
Med Lab Technol 29:152-9, Apr 72 (83 ref.)

### LEUKOCYTES (A11)

- Leukocyte kininogenases and leukokinsins from normal and malignant cells. Greenbaum LM.  
Am J Pathol 68:613-24, Sep 72 (27 ref.)  
Human granulocyte elastase. Further delineation of its role in connective tissue damage. Janoff A.  
Am J Pathol 68:579-92, Sep 72 (22 ref.)  
Utilization of leukocytes for the study of inborn errors of metabolism. Hsia DY.  
Enzyme 13:161-8, 1972 (36 ref.)  
Leukocyte mitochondria: function and biogenesis. Kirchner RH, et al. Enzyme 13:54-78, 1972 (73 ref.)  
Carbohydrate metabolism by leukocytes. Stjernholm RL, et al. Enzyme 13:7-31, 1972 (80 ref.)  
Mechanism of phagocytosis-associated oxidative metabolism in polymorphonuclear leucocytes and macrophages. Rossi F, et al.  
J Reticuloendothel Soc 12:127-49, Aug 72  
Role of the phagocyte in host-parasite interactions. 36. Metabolic activities of the phagocyte as related to antimicrobial action. Sharrar AJ, et al.  
J Reticuloendothel Soc 12:109-26, Aug 72  
[Biochemistry of normal and leukemic leukocytes. X. Energy and carbohydrate metabolism of neutrophilic granulocytes] Sznajd J, et al.  
Przegl Lek 29:634-40, 1972 (70 ref.) (Pol)

### LIPIDS (D11)

- Uterine lipid metabolism—a review of the literature.

- Beall JR.  
Comp Biochem Physiol [B] 42:175-95, 15 May 72  
Effects of dietary carbohydrate on lipid metabolism in primates. Macdonald I.  
Proc Nutr Soc 30:277-82, Dec 71 (34 ref.)  
[Pathogenesis of lipid metabolism disorders in diabetes mellitus] Lefter SM.  
Ter Arkh 44:16-22, May 72 (39 ref.) (Rus)

### LIVER (A3)

- Liver preservation without perfusion. Schalm SW.  
Folia Med Neerl 15:196-206, 1972 (47 ref.)  
Hepatic metabolism of drugs. Williams RT.  
Gut 13:579-85, Jul 72 (22 ref.)  
Glucocorticogenesis. Exton JH.  
Metabolism 21:945-90, Oct 72 (183 ref.)  
[Liver and protein metabolism] Emmrich R.  
Z Gesamte Inn Med 27:369-74, 1 May 72 (24 ref.) (Eng. Abstr.) (Ger)  
[Role of the microsomal membranes in specific metabolic activity of the liver] Lăzărescu V.  
Stud Cercet Med Internu 13:109-16, 1972 (33 ref.) (Eng. Abstr.) (Rum)

### LIVER DISEASES (C4)

- Autoimmune aspects of liver disease. Doniach D.  
Br Med Bull 28:145-8, May 72 (36 ref.)  
Problems of fulminant hepatic failure. Williams R.  
Br Med Bull 28:114-9, May 72 (33 ref.)  
Perspectives in therapeutic pig liver perfusions. Tygstrup N.  
Scand J Gastroenterol 7:407-9, 1972 (17 ref.)

### LUNG (A4)

- Regional pulmonary function. Secker-Walker RH, et al.  
CRC Crit Rev Radiol Sci 3:287-319, Apr 72 (218 ref.)

### LUNG DISEASES (C5)

- Regional pulmonary function. Secker-Walker RH, et al.  
CRC Crit Rev Radiol Sci 3:287-319, Apr 72 (218 ref.)

### LUPUS ERYTHEMATOSUS, SYSTEMIC (C8, C12, C17)

- Auto-immunity and systemic lupus erythematosus. Whaley K. Med Lab Technol 29:133-42, Apr 72 (66 ref.)

### LYMPHATIC SYSTEM (A7)

- The blood and lymphatic microcirculation of the lung. Lauweryns JM. Pathol Annu 6:365-415, 1971 (95 ref.)

### B-LYMPHOCYTES (A11)

- The regulatory influence of activated T cells on B cell responses to antigen. Katz DH, et al.  
Adv Immunol 15:1-94, 1972 (353 ref.)

### T-LYMPHOCYTES (A11)

- The regulatory influence of activated T cells on B cell responses to antigen. Katz DH, et al.  
Adv Immunol 15:1-94, 1972 (353 ref.)

### LYMPOGRAPHY (E1)

- [Importance of lymphography for internal medicine. (Review)] Bruna J, et al.  
Vnitř Lek 18:881-6, Sep 72 (36 ref.) (Eng. Abstr.) (Cze)  
[Current status of lymphographic diagnosis of lymph-node metastases] Bujar H.  
Stud Cercet Med Internu 13:145-58, 1972 (26 ref.) (Eng. Abstr.) (Rum)

### LYSERGIC ACID DIETHYLAMIDE (D2, D6)

- LSD psychotherapy: a review of the literature and some proposals for future research. Clyman RC.  
RI Med J 55:282-6, Sep 72 (18 ref.)

### LYSOSOMES (A11)

- The enzymes of the granules of polymorphonuclear leukocytes and their functions. Baggiolini M.  
Enzyme 13:132-60, 1972 (150 ref.)

### MACROPHAGES (A11)

- The regulatory role of macrophages in antigenic stimulation. Unanue ER. Adv Immunol 15:95-165, 1972  
Mechanism of phagocytosis-associated oxidative metabolism in polymorphonuclear leucocytes and macrophages. Rossi F, et al.  
J Reticuloendothel Soc 12:127-49, Aug 72



# MEDICAL REVIEWS

# MUSCULOSKELETAL SYSTEM

## MALABSORPTION SYNDROMES

(C4, C13)

Malabsorption syndromes in infancy and childhood. I. Ament ME. *J Pediatr* 81:685-97, Oct 72  
[Treatment of Crohn's disease and the sequelae of small intestinal resection] Fausa O.  
*Tidsskr Nor Lægeforen* 92:1377-80, 10 Aug 72 (8 ref.) (Eng. Abstr.) (Nor)

## MALARIA (C1)

The ecological implications of insecticide usage in malaria programs. Brown AW.  
*Am J Trop Med Hyg* 21:829-34, Sep 72 (16 ref.)  
The problem of drug-resistant malaria. Clyde DF.  
*Am J Trop Med Hyg* 21:736-43, Sep 72 (32 ref.)  
The immunologic response to plasmodium. Cohen S, et al. *Am J Trop Med Hyg* 21:713-21, Sep 72 (55 ref.)  
The influence of vector behavior on malaria transmission. Elliott R.  
*Am J Trop Med Hyg* 21:755-63, Sep 72 (29 ref.)  
Sporozoite-induced immunity in mammalian malaria. A review. Nussenzweig RS, et al.  
*Am J Trop Med Hyg* 21:722-8, Sep 72 (24 ref.)  
Development of new antimalarial drugs. Powell RD.  
*Am J Trop Med Hyg* 21:744-8, Sep 72 (21 ref.)  
The research and development of serologic tests for malaria. Sadun EH.  
*Am J Trop Med Hyg* 21:677-82, Sep 72 (43 ref.)

## MAMMAE (A13)

Influence of hormones on enzyme activity in mouse mammary gland in vitro. Rivera EM.  
*J Dairy Sci* 55:1306-16, Sep 72 (49 ref.)

## MANDIBULAR INJURIES (C14)

Reconstruction of the mandible. Alonso MR, et al. *Otolaryngol Clin North Am* 5:501-11, Oct 72 (24 ref.)

## MANDIBULAR NEOPLASMS (C2)

Reconstruction of the mandible. Alonso MR, et al. *Otolaryngol Clin North Am* 5:501-11, Oct 72 (24 ref.)

## MANDIBULAR PROSTHESIS (E4, E6)

Reconstruction of the mandible. Alonso MR, et al. *Otolaryngol Clin North Am* 5:501-11, Oct 72 (24 ref.)

## MELANOMA (C2)

Host factors in human malignant melanoma. Lewis MG. *Pathol Annu* 6:171-95, 1971 (96 ref.)

## MELENA (C4, C17)

Review of haematemesis and melena in Thomson Road General Hospital, with special reference to peptic ulcer. Leng CK, et al.  
*Singapore Med J* 13:135-40, Jun 72

## MEMORY (F1)

Retention over time in relation to arousal during learning: an explanation of discrepant results. Levonian E.  
*Acta Psychol (Amst)* 36:290-321, Sep 72 (51 ref.)  
The search for the memory trace. McGaugh JL.  
*Ann NY Acad Sci* 193:112-23, 25 Aug 72 (21 ref.)  
Memory as input-output reciprocity: an integrative neurobiological theory. Routtenberg A.  
*Ann NY Acad Sci* 193:159-74, 25 Aug 72 (73 ref.)  
Note on immediate memory for digits: invariance over the years. Spitz HH.  
*Psychol Bull* 78:183-5, Sep 72 (14 ref.)

## MEMORY DISORDERS (F2)

Drugs and memory disorders in human aging. Jarvik ME, et al. *Behav Biol* 7:643-68, Oct 72 (78 ref.)  
[Memory disorders following brain injuries] Delank HW.  
*Monatsschr Unfallheilkd* 75:337-49, Aug 72 (18 ref.) (Eng. Abstr.) (Ger)

## MENTAL DISORDERS (F2)

Child bereavement and adult psychiatric disturbance. Hill OW. *J Psychosom Res* 16:357-60, Aug 72 (20 ref.)  
Chromosomal abnormalities and mental disorders. Cowie V. *Postgrad Med J* 48:212-5, Apr 73 (26 ref.)  
Birth order effects: not here, not now. Schooler C. *Psychol Bull* 78:161-75, Sep 72 (67 ref.)  
[Biogenic amines in various internal and psychiatric diseases] Schrammowa H, et al.  
*Psychiatr Pol* 6:477-81, Jul-Aug 72 (53 ref.) (Pol)

## METABOLIC DISEASES (C13)

[Chief clinical syndromes in children with tryptophan metabolism disorders (literature survey)] Tabolin VA, et al.  
*Vopr Okhr Materin Det* 17:45-8, Jun 72 (36 ref.) (Rus)

## METABOLISM, INBORN ERRORS

(C13)

Utilization of leukocytes for the study of inborn errors of metabolism. Hsia DY.  
*Enzyme* 13:161-8, 1972 (36 ref.)  
The genetics of metabolic disorders. Hopkinson DA. *Postgrad Med J* 48:207-11, Apr 72 (30 ref.)  
[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A.  
*Prægi Lek* 29:699-705, 1972 (76 ref.) (Pol)

## MICE (B2)

Influence of hormones on enzyme activity in mouse mammary gland in vitro. Rivera EM.  
*J Dairy Sci* 55:1306-16, Sep 72 (49 ref.)

## MICROCIRCULATION (A7, G1)

The blood and lymphatic microcirculation of the lung. Lauweryns JM. *Pathol Annu* 6:365-415, 1971 (95 ref.)

## MIGRAINE (C10, C17)

Pizotifen (BC-105): a review of its pharmacological properties and its therapeutic efficacy in vascular headaches. Speight TM, et al.  
*Drugs* 3:159-203, 1972 (63 ref.)  
A review of the pharmacology of drugs used in the therapy of migraine. Diamond S, et al.  
*Headache* 12:37-43, Jul 72 (32 ref.)  
Migraine. Hanington E.  
*Trans Med Soc Lond* 87:32-9, 1971 (18 ref.)

## MILK (A13, J)

Mechanism of secretion of the aqueous phase of milk. Linzell JL. *J Dairy Sci* 55:1316-22, Sep 72 (42 ref.)

## MINERALS (D1)

Minerals in the nutrition of hill cattle and sheep. Hemingway RG.  
*Proc Nutr Soc* 30:221-9, Dec 71 (46 ref.)

## MITOCHONDRIA (A11)

Multiple forms of monoamine oxidase and their properties. Youdim MB.  
*Adv Biochem Psychopharmacol* 5:67-77, 1972 (49 ref.)  
Leukocyte mitochondria: function and biogenesis. Kirschner RH, et al. *Enzyme* 13:54-76, 1972 (73 ref.)

## MITOSIS (G1)

[Mitosis regulating substances extracted from animal tissues] Nisida I, et al.  
*J Physiol Soc Jap* 34:131-46, Mar 72 (56 ref.) (Jap)  
[Modeling of humoral regulation of cell proliferation in adult animal tissues] Iakovlev Alu.  
*Tsitologiya* 14:685-98, Jun 72 (82 ref.) (Eng. Abstr.) (Rus)

## MODELS, BIOLOGICAL (H)

Blood platelet as a model for action of drugs and bacterial products. Paasonen MK.  
*Toxicol* 10:479-84, Aug 72 (37 ref.)  
[Modeling of humoral regulation of cell proliferation in adult animal tissues] Iakovlev Alu.  
*Tsitologiya* 14:685-98, Jun 72 (82 ref.) (Eng. Abstr.) (Rus)

## MODELS, CHEMICAL (H)

Bioinorganic chemistry. Simple models of iron sites in some biological systems. Canham GW, et al.  
*J Chem Educ* 49:656-60, Oct 72 (85 ref.)

## MONOAMINE OXIDASE (D9)

Monoamine oxidases—new vistas. Introduction and historical background. Blaschko H.  
*Adv Biochem Psychopharmacol* 5:1-10, 1972 (57 ref.)  
Neuronal monoamine oxidase: specific enzyme types and their rates of formation. Neff NH, et al.  
*Adv Biochem Psychopharmacol* 5:307-23, 1972  
Multiple forms of monoamine oxidase and their properties. Youdim MB.  
*Adv Biochem Psychopharmacol* 5:67-77, 1972 (49 ref.)

## MONOAMINE OXIDASE INHIBITORS

(D6, D9)

Migraine. Hanington E.  
*Trans Med Soc Lond* 87:32-9, 1971 (18 ref.)

## MOSQUITO CONTROL (G3)

The ecological implications of insecticide usage in malaria programs. Brown AW.  
*Am J Trop Med Hyg* 21:829-34, Sep 72 (16 ref.)  
Predators and pathogens for mosquito control. Chapman HC, et al.  
*Am J Trop Med Hyg* 21:777-81, Sep 72 (29 ref.)  
The influence of plants on anopheline breeding. Hall TF. *Am J Trop Med Hyg* 21:787-94, Sep 72  
Genetic control of mosquitoes. Kitamiller JB.  
*Am J Trop Med Hyg* 21:764-71, Sep 72 (21 ref.)  
Mosquito population control through the use of chemosterilants. Weidhass DE.  
*Am J Trop Med Hyg* 21:772-8, Sep 72 (10 ref.)

## MOTIVATION (F1)

Coherent self-direction and values. Renner KE.  
*Ann NY Acad Sci* 193:175-84, 25 Aug 72 (7 ref.)

## MOUTH DISEASES (C4)

Cell-mediated immune responses in oral disease: a review. Lehner T. *J Oral Pathol* 1:39-58, 1972 (73 ref.)

## MOUTH NEOPLASMS (C2)

Oral nevi: report of case and review of literature. Nagel NJ. *J Oral Surg* 30:835-8, Nov 72 (30 ref.)

## MOVEMENT DISORDERS (C10)

Therapeutic approaches to tardive dyskinesia. A review of the literature. Kazamatsuri H, et al.  
*Arch Gen Psychiatry* 27:491-9, Oct 72 (101 ref.)  
Drug-induced extrapyramidal disorders. Chase TN.  
*Res Publ Assoc Res Nerv Ment Dis* 50:448-71, 1972 (138 ref.)

## MUCIN (D10)

[Biochemical properties of bronchial secretion and sputum. (Review)] Rejthar L, et al.  
*Vnitř Lek* 18:875-90, Sep 72 (41 ref.) (Eng. Abstr.) (Cze)

## MUCOPOLYSACCHARIDES (D11)

[Urinary secretion of mucopolysaccharides under normal and pathological conditions] Drozd M, et al.  
*Wiad Lek* 25:1445-9, 15 Aug 72 (36 ref.) (Pol)  
[Hereditary mucopolysaccharidoses (literature survey)] Pashin IuV.  
*Vopr Okhr Materin Det* 17:49-52, Jun 72 (15 ref.) (Rus)

## MUCOUS MEMBRANE (A10)

Survey of the use of composite grafts in the head and neck region. Walter C.  
*Otolaryngol Clin North Am* 5:571-602, Oct 72 (121 ref.)

## MULTIPLE SCLEROSIS (C10)

[Features of modern research in disseminated sclerosis] Fog T.  
*Ugeskr Laeger* 134:865-71, 24 Apr 72 (34 ref.) (Eng. Abstr.) (Dan)

## MUSCLE, SMOOTH (A2, A10)

[Slow waves of smooth muscle of the gastrointestinal tract] Ichikawa S.  
*Jap J Smooth Muscle Res* 8:16-31, Mar 72 (89 ref.) (Jap)

## MUSCLES (A2, A10)

[Participation of catecholamines in the regulation of carbohydrate metabolism of skeletal muscles in ontogenesis] Pertseva MN.  
*Usp Sovrem Biol* 72:339-59, Nov-Dec 71 (90 ref.) (Rus)  
[McArdle's syndrome] Pernow B.  
*Lakartidningen* 69:4005-10, 30 Aug 72 (27 ref.) (Eng. Abstr.) (Swe)

## MUSCULAR DISEASES (C3)

[McArdle's syndrome] Pernow B.  
*Lakartidningen* 69:4005-10, 30 Aug 72 (27 ref.) (Eng. Abstr.) (Swe)

## MUSCULOSKELETAL SYSTEM (A2)

Operative indications on the musculo-skeletal system in cerebral palsy. Baumann JU.  
*Reconstr Surg Traumatol* 13:37-42, 1972 (10 ref.)

## MUTAGENS

### MUTAGENS (D13)

[Chemical mutagenesis at the molecular level] Otsuji N.  
Protein Nucleic Acid Enzyme (Tokyo) 17:414-22, Jun 72 (73 ref.) (Jap)

### MUTATION (G1)

[Chemical mutagenesis at the molecular level] Otsuji N.  
Protein Nucleic Acid Enzyme (Tokyo) 17:414-22, Jun 72 (73 ref.) (Jap)

### MYCOPLASMA INFECTIONS (C1)

Mycoplasma pneumoniae infection: a review. Raff MJ.  
J Ky Med Assoc 70:781-6, Oct 72 (91 ref.)

### MYCOSES (C1)

Pharmacokinetics of the treatment of fungal infections. O'Grady F.  
J R Coll Physicians Lond 7:45-52, Oct 72 (17 ref.)

### MYCOTOXINS (D13)

Mycotoxins in feedstuffs and their effect on dairy cattle. Lynch GP.  
J Dairy Sci 55:1243-55, Sep 72 (131 ref.)

### MYOCARDIAL DISEASES, PRIMARY (C8)

[Characteristics of radiograms of cardiomyopathy--with special reference to the angiographic findings of idiopathic cardiomyopathy] Hombo Z, et al.  
Jap J Clin Radiol 17:159-74, Mar 72 (25 ref.) (Jap)  
[Recent advances in etiology of cardiomyopathies] Kollár J.  
Vnitř Lek 18:863-74, Sep 72 (86 ref.) (Eng. Abstr.) (Slo)

### MYOCARDIAL DISEASES, SECONDARY (C8)

[Ultrastructure of myocardium in alcoholic heart. Review] Kollár J.  
Vnitř Lek 18:855-63, Sep 72 (56 ref.) (Eng. Abstr.) (Slo)  
[Recent advances in etiology of cardiomyopathies] Kollár J.  
Vnitř Lek 18:863-74, Sep 72 (86 ref.) (Eng. Abstr.) (Slo)

### MYOCARDIAL INFARCT (C8)

Reparative processes in heart muscle following myocardial infarction. Bing RJ.  
Cardiology 56:314-24, 1971 (20 ref.)  
[Clinical significance of vectorcardiography] Wenger R.  
Med Klin 67:827-30, 16 Jun 72 (9 ref.) (Ger)

### MYOCARDIUM (A7)

Myocardial ultrastructure in acute and chronic hypoxia. Ferrans VJ, et al.  
Cardiology 56:144-60, 1971 (87 ref.)  
Morphological alterations in the ischaemic heart. Heggveit HA.  
Cardiology 56:284-90, 1971 (24 ref.)  
Effects of digitals on myocardial ionic exchange. Langer GA.  
Circulation 46:180-7, Jul 72 (42 ref.)

### NARCOTICS (D13)

Methods for the analysis of narcotic analgesics and amphetamines. Mulé SJ.  
J Chromatogr Sci 10:275-82, May 72 (84 ref.)

### NAVAL MEDICINE (G2)

[Thermal disorders among the crews of ships in the lower latitudes (literature survey)] Alfimov NN, et al.  
Voen Med Zh 7:81-6, Jul 72 (19 ref.) (Rus)

### NEOPLASM METASTASIS (C2)

Nuclear medicine. Detection of occult metastases and diagnostic role in management of patients with cancer. James AE, et al.  
Mod Trends Radiother 2:188-219, 1972 (60 ref.)  
[Current status of lymphographic diagnosis of lymph-node metastases] Bujar H.  
Stud Cercet Med Interna 13:145-58, 1972 (26 ref.) (Eng. Abstr.) (Rum)

### NEOPLASMS (C2)

Leukocyte kininogenases and leukokins from normal and malignant cells. Greenbaum LM.  
Am J Pathol 68:813-24, Sep 72 (27 ref.)

## MEDICAL REVIEWS

### Viral infections in patients with malignant diseases.

Cappel R, et al. Eur J Cancer 8:175-9, Apr 72 (41 ref.)  
Treatment of malignant neoplasia. Surgical management. Baker GJ.

J Small Anim Pract 13:373-9, Jul 72 (22 ref.)  
Nuclear medicine. Detection of occult metastases and diagnostic role in management of patients with cancer. James AE, et al.

Mod Trends Radiother 2:188-219, 1972 (60 ref.)  
Blood pressure as a factor in radiotherapy. Jenkin RD.

Mod Trends Radiother 2:157-64, 1972 (8 ref.)  
The importance of anaemia in determining prognosis. Newall J.

Mod Trends Radiother 2:150-6, 1972 (15 ref.)  
Pre-operative radiotherapy. Nickson JJ, et al.

Mod Trends Radiother 2:123-49, 1972 (80 ref.)  
[Carcinoma in childhood] Bradic I, et al.

Bruns Beitr Klin Chir 219:393-407, 1972 (56 ref.) (Eng. Abstr.) (Ger)

[Paraneoplastic syndrome] Przybylowski J, et al.  
Wiad Lek 25:1553-8, 1 Sep 72 (Eng. Abstr.) (Pol)

[Current status of lymphographic diagnosis of lymph-node metastases] Bujar H.  
Stud Cercet Med Interna 13:145-58, 1972 (26 ref.) (Eng. Abstr.) (Rum)

[Homeostatic system in cancer patients] Rakhmaeva VA, et al.  
Vopr Onkol 18:90-7, 1972 (60 ref.) (Rus)

NEOPLASMS, RADIATION-INDUCED (C2, C14)  
Radiation injury with particular reference to thorotrast. Grampa G.  
Pathol Annu 6:147-69, 1971 (199 ref.)

[Blastomogenic effect of ionizing radiations] Aleksandrov SN.  
Vopr Onkol 18:108-17, 1972 (45 ref.) (Rus)

NEPHROBLASTOMA (C2)  
Errors in the diagnosis of Wilms' tumors. Shackelford GD, et al.  
CRC Crit Rev Radiol Sci 3:171-96, Apr 72 (65 ref.)

NEPHROTIC SYNDROME (C6)  
The primary nephrotic syndrome of childhood. Classification and clinicopathologic study of 406 cases. Habib R, et al.

Pathol Annu 6:417-74, 1971 (77 ref.)  
NERVE ENDINGS (A8)

[Functional morphology of the autonomic nervous end formation] Winckler J.  
Med Klin 67:795-800, 9 Jun 72 (40 ref.) (Ger)

NERVE REGENERATION (G1)  
The quality of nerve regeneration. Factors independent of the most skillful repair. Hubbard JH.  
Surg Clin North Am 52:1099-108, Oct 72 (48 ref.)

NERVOUS SYSTEM DISEASES (C10)  
L-dopa in neurological disease: current status. Yahr MD.  
Res Publ Assoc Res Nerv Ment Dis 50:494-511, 1972 (30 ref.)

NEURAL CONDUCTION (G1)  
[Electroneurography or measurement of conduction velocity in peripheral nerves] Kaeser HE.  
Nervenarzt 43:445-50, Sep 72 (14 ref.) (Ger)

NEURAL TRANSMISSION (G1)  
Electrical versus chemical neurotransmission. Bennett MV.  
Res Publ Assoc Res Nerv Ment Dis 50:58-90, 1972 (82 ref.)

Cyclic AMP and neurotransmitters. Breckenridge BM.  
Res Publ Assoc Res Nerv Ment Dis 50:216-28, 1972 (69 ref.)

Drug-induced extrapyramidal disorders. Chase TN.  
Res Publ Assoc Res Nerv Ment Dis 50:448-71, 1972 (138 ref.)

The synaptic actions mediated by the different branches of a single neuron. Kandel ER, et al.  
Res Publ Assoc Res Nerv Ment Dis 50:91-146, 1972 (81 ref.)

Aminergic neurons and substitute transmitters in brain. Kopin LJ.  
Res Publ Assoc Res Nerv Ment Dis 50:207-15, 1972 (34 ref.)

The relationship between brain norepinephrine and aggressive behavior. Reis DJ.  
Res Publ Assoc Res Nerv Ment Dis 50:266-97, 1972 (84 ref.)

Amino acids as central neurotransmitters. Werman R.  
Res Publ Assoc Res Nerv Ment Dis 50:147-80, 1972 (131 ref.)

### NEUROHUMORS (D5)

Electrical versus chemical neurotransmission. Bennett MV.  
Res Publ Assoc Res Nerv Ment Dis 50:58-90, 1972 (82 ref.)

Cyclic AMP and neurotransmitters. Breckenridge BM.  
Res Publ Assoc Res Nerv Ment Dis 50:216-28, 1972 (69 ref.)

The synaptic actions mediated by the different branches of a single neuron. Kandel ER, et al.  
Res Publ Assoc Res Nerv Ment Dis 50:91-146, 1972 (81 ref.)

Aminergic neurons and substitute transmitters in brain. Kopin LJ.  
Res Publ Assoc Res Nerv Ment Dis 50:207-15, 1972 (34 ref.)

Experimentally induced parkinsonism. Poirier LJ, et al.  
Res Publ Assoc Res Nerv Ment Dis 50:416-33, 1972 (87 ref.)

Amino acids as central neurotransmitters. Werman R.  
Res Publ Assoc Res Nerv Ment Dis 50:147-80, 1972 (131 ref.)

NEUROMA (C2)  
Painful traumatic neuromas. Mathews GJ, et al.  
Surg Clin North Am 52:1313-24, Oct 72 (75 ref.)

NEURONS (A8, A11)  
Neuronal monoamine oxidase: specific enzyme types and their rates of formation. Neff NH, et al.  
Adv Biochem Psychopharmacol 5:307-23, 1972

Chemical-feedback regulation of serotonin-containing neurons in brain. Aghajanian GK.  
Ann NY Acad Sci 193:86-94, 25 Aug 72 (33 ref.)

Subcellular localisation of noradrenaline in sympathetic neurons. Smith AD.  
Pharmacol Rev 24:435-57, Sep 72 (102 ref.)

The synaptic actions mediated by the different branches of a single neuron. Kandel ER, et al.  
Res Publ Assoc Res Nerv Ment Dis 50:91-146, 1972 (81 ref.)

NEUROSES (F2)  
Psychoactive drugs in outpatient therapy. Gottschalk LA.  
Psychiatry Med 2:116-25, Apr 71 (47 ref.)

[Neuroses in the light of the crisis theory] Rydzyski Z.  
Psychiatr Pol 6:469-75, Jul-Aug 72 (3 ref.) (Pol)

NEUROSURGERY (E4, G2)  
Neurosurgical possibilities in the treatment of spastic paresis. Dieckmann G, et al.  
Reconstr Surg Traumatol 13:2-17, 1972 (65 ref.)

Metabolic factors in surgery of peripheral nerves. Ducker TB.  
Surg Clin North Am 52:1109-22, Oct 72 (48 ref.)

NEUTRONS (H)  
Fast neutron therapy. Greene D.  
Mod Trends Radiother 2:220-46, 1972 (38 ref.)

NEUTROPHILS (A11)  
The enzymes of the granules of polymorphonuclear leukocytes and their functions. Baggiolini M.  
Enzyme 13:132-60, 1972 (150 ref.)

The diabetic leukocyte. Esmann V.  
Enzyme 13:32-55, 1972 (120 ref.)

Neutrophil alkaline phosphatase, the Philadelphia chromosome and chronic myeloid leukaemia: a critical review. Sewell RL.  
Med Lab Technol 29:152-9, Apr 72 (83 ref.)

[Biochemistry of normal and leukemic leukocytes. X. Energy and carbohydrate metabolism of neutrophilic granulocytes] Sznajd J, et al.  
Przeg Lek 29:634-40, 1972 (70 ref.) (Pol)

NEVUS (C2)  
Oral nevi: report of case and review of literature. Nagel NJ.  
J Oral Surg 30:835-8, Nov 72 (30 ref.)

NIDATION (G1)  
Recent research on the mode of action of intra-uterine devices in primates. Eckstein P.  
Acta Endocrinol [Suppl] (Kbh) 166:364-80, 1972 (57 ref.)

Early development of the embryo in non-human primates and man. Hendrickx AG.  
Acta Endocrinol [Suppl] (Kbh) 166:103-30, 1972 (80 ref.)

NITROGEN (D1)  
Some comments on "a behavioral approach to nitrogen narcosis". Fowler B.  
Psychol Bull 78:234-40, Sep 72 (31 ref.)



## NOREPINEPHRINE (D2, D5)

- Subcellular localization of noradrenaline in sympathetic neurons. Smith AD. *Pharmacol Rev* 24:435-57, Sep 72 (102 ref.)  
The relationship between brain norepinephrine and aggressive behavior. Reis DJ. *Res Publ Assoc Res Nerv Ment Dis* 50:366-97, 1972 (84 ref.)  
[Participation of catecholamines in the regulation of carbohydrate metabolism of skeletal muscles in ontogenesis] Perlasova MN. *Usp Sovrem Biol* 72:339-59, Nov-Dec 71 (90 ref.) (Rus)

## NOSE (A1, A2, A4)

- [Aerodynamics of nose respiration] Betlejewski S. *Otolaryngol Pol* 26:475-8, 1972 (10 ref.) (Pol)

## NUCLEAR MEDICINE (G2)

- Nuclear medicine. Detection of occult metastases and diagnostic role in management of patients with cancer. James AE, et al. *Mod Trends Radiother* 2:188-219, 1972 (60 ref.)

## NUCLEIC ACID HYBRIDIZATION (G1)

- Molecular hybridization: a powerful approach to the detection of viral nucleic acid sequences in human cancer. Green M, et al. *J Natl Cancer Inst* 48:1559-65, Jun 72 (27 ref.)

## NUTRITION (G1, G2)

- Normal and pathological conditions which may alter the human requirement for vitamin B6. Brown RR. *J Agric Food Chem* 20:496-505, May-Jun 72 (63 ref.)

## NUTRITION DISORDERS (C13)

- Environmental and nutritional diseases of captive reptiles. Wallach JD. *J Am Vet Med Assoc* 159:1632-43, 1 Dec 71 (54 ref.)

## OCCIPITAL LOBE (A8)

- Occipital alpha revisited. Mulholland TB. *Psychol Bull* 78:176-82, Sep 72 (29 ref.)

## ODONTOGENIC TUMOR (C2)

- Odontogenic tumors. Baden R. *Pathol Annu* 6:475-568, 1971 (534 ref.)

## ONCOGENIC VIRUSES (B4)

- Molecular hybridization: a powerful approach to the detection of viral nucleic acid sequences in human cancer. Green M, et al. *J Natl Cancer Inst* 48:1559-65, Jun 72 (27 ref.)

## ORGANOPHOSPHORUS

### COMPOUNDS (D2)

- Organophosphorus pesticides: residues and metabolism. *Food Cosmet Toxicol* 10:243-6, Apr 72 (12 ref.)

## ORGANOTHIOPHOSPHORUS

### COMPOUNDS (D2)

- Organophosphorus pesticides: residues and metabolism. *Food Cosmet Toxicol* 10:243-6, Apr 72 (12 ref.)

## ORTHOPEDIC EQUIPMENT (E4, E5)

- Engineering approaches to limb prosthetics and orthotics. Wilson AB Jr, et al. *CRC Crit Rev Bioeng* 1:169-215, Dec 71 (142 ref.)

## OSTEOARTHRITIS (C3)

- [Therapy of degenerative joint diseases] Franke M. *Med Klin* 67:1031-3, 11 Aug 72 (13 ref.) (Ger)

## OTORHINOLARYNGOLOGIC DISEASES (C5, C11)

- Survey of the use of composite grafts in the head and neck region. Walter C. *Otolaryngol Clin North Am* 5:571-602, Oct 72 (121 ref.)

## OVARIAN NEOPLASMS (C2)

- Treatment of ovarian carcinoma: possibilities for progress. Bagley CM Jr, et al. *N Engl J Med* 287:854-62, 26 Oct 72 (53 ref.)

## OVARY (A5, A6)

- Gametogenesis. Baker TG. *Acta Endocrinol [Suppl] (Kbh)* 166:18-41, 1972 (137 ref.)

## OXYGEN CONSUMPTION (G1)

- [Respiratory deficiency in yeast cells: critical study of its causes. II. RD-state (petite-mutation) and related deficiencies] Kraepelin G. *Z Allg Mikrobiol* 12:235-66, 1972 (293 ref.) (Ger)

## PACEMAKER, ARTIFICIAL (E4)

- [Temporary transvenous intracardiac electrostimulation of the heart] Herbing W. *Dtsch Med Wochenschr* 97:1466-8, 29 Sep 72 (16 ref.) (Ger)

## PANCREATOPEPTIDASE (D9)

- Human granulocyte elastase. Further delineation of its role in connective tissue damage. Janoff A. *Am J Pathol* 68:579-92, Sep 72 (23 ref.)

## PAPILLOMA (C2)

- Ultrastructure of the human mammary gland. Ozzello L. *Pathol Annu* 6:1-59, 1971 (61 ref.)

## PARALYSIS, SPASTIC (C10)

- Neurosurgical possibilities in the treatment of spastic paresis. Diekmann G, et al. *Reconstr Surg Traumatol* 13:2-17, 1972 (65 ref.)

## PARAPLEGIA (C10)

- The operative treatment of pressure sores in paraplegics. Krupp S. *Reconstr Surg Traumatol* 13:159-82, 1972 (39 ref.)

## PARASITIC DISEASES (C1)

- Parasitic diseases of reptiles. Telford SR Jr. *J Am Vet Med Assoc* 159:1644-52, 1 Dec 71 (23 ref.)

## PARASYMPATHOLYTICS (D5)

- [Medical treatment of gastric and duodenal ulcer] Myren J. *Tidsskr Nor Lægeforen* 92:1386-91, 10 Aug 72 (11 ref.) (Eng. Abstr.) (Nor)

## PARENTERAL FEEDING (E2)

- Intravenous feeding. Moore FD, et al. *N Engl J Med* 287:862-4, 26 Oct 72 (15 ref.)

## PARESIS (C1, C10)

- Neurosurgical possibilities in the treatment of spastic paresis. Diekmann G, et al. *Reconstr Surg Traumatol* 13:2-17, 1972 (65 ref.)

## PARKINSONISM (C10)

- Experimentally induced parkinsonism. Poirier LJ, et al. *Res Publ Assoc Res Nerv Ment Dis* 50:416-33, 1972 (87 ref.)

## PENICILLIN (D3)

- [Effectiveness of penicillin treatment of syphilis in the light of experimental studies] Manikowska-Lesińska W. *Przegl Dermatol* 59:553-8, Jul-Aug 72 (52 ref.) (Pol)

## PEPTIC ULCER (C4)

- Review of haematemesis and melaena in Thomson Road General Hospital, with special reference to peptic ulcer. Leng CK, et al. *Singapore Med J* 13:135-40, Jun 72

## PERFUSION (E2)

- Perspectives in therapeutic pig liver perfusions. Tygstrup N. *Scand J Gastroenterol* 7:407-9, 1972 (17 ref.)

## PERIODONTAL DISEASES (C4)

- [Local causes of periodontal diseases in children] Walczak A. *Pol Tyg Lek* 27:1178-80, 24 Jul 72 (23 ref.) (Pol)

## PERIPHERAL NERVE NEOPLASMS (C2)

- Painful traumatic neuromas. Mathews GJ, et al. *Surg Clin North Am* 52:1313-24, Oct 72 (75 ref.)

## PERIPHERAL NERVES (A8)

- Digital nerve repairs. Buncke HJ Jr. *Surg Clin North Am* 52:1267-85, Oct 72 (86 ref.)  
Metabolic factors in surgery of peripheral nerves. Ducker TB. *Surg Clin North Am* 52:1109-22, Oct 72 (48 ref.)  
The quality of nerve regeneration. Factors independent of the most skillful repair. Hubbard JH. *Surg Clin North Am* 52:1099-106, Oct 72 (48 ref.)  
Painful traumatic neuromas. Mathews GJ, et al. *Surg Clin North Am* 52:1313-24, Oct 72 (75 ref.)

## PERSONALITY (F1)

- The distinctiveness of field independence. Vernon PE. *J Pers* 40:306-91, Sep 72 (114 ref.)

## PEST CONTROL, BIOLOGICAL (G3)

- Predators and pathogens for mosquito control. Chapman HC, et al. *Am J Trop Med Hyg* 21:777-81, Sep 72 (29 ref.)

## PESTICIDE RESIDUES (G3)

- Organophosphorus pesticides: residues and metabolism. *Food Cosmet Toxicol* 10:243-6, Apr 72 (12 ref.)

## PESTICIDES (D3, D13)

- The metabolism of pesticidal carbamates. Ryan AJ. *CRC Crit Rev Toxicol* 1:33-54, Sep 71 (79 ref.)  
Adsorption of pesticide by humic substances. A review. Khan SU. *Environ Lett* 3:1-12, 1972 (24 ref.)  
Organophosphorus pesticides: residues and metabolism. *Food Cosmet Toxicol* 10:243-6, Apr 72 (12 ref.)

## PHAGOCYTOSIS (G1)

- Mechanism of phagocytosis-associated oxidative metabolism in polymorphonuclear leucocytes and macrophages. Rossi F, et al. *J Reticuloendothel Soc* 12:127-49, Aug 72  
Role of the phagocyte in host-parasite interactions. 38. Metabolic activities of the phagocyte as related to antimicrobial action. Sbarra AJ, et al. *J Reticuloendothel Soc* 12:109-26, Aug 72

## PHARMACOGENETICS (G1)

- Pharmacogenetics. Vesell ES. *N Engl J Med* 287:904-9, 2 Nov 72 (28 ref.)

## PHARMACOLOGY (G1, G2)

- Blood platelet as a model for action of drugs and bacterial products. Paasonen MK. *Toxicol* 10:479-84, Aug 72 (37 ref.)

## PHARYNGEAL NEOPLASMS (C2)

- Reconstruction of the hypopharynx and cervical esophagus. Leonard JR, et al. *Otolaryngol Clin North Am* 5:435-46, Oct 72 (23 ref.)

## PHENOTYPE (G1)

- [Effect of 5-bromodeoxyuridine on gene expression in mammalian cells] Koyama H. *Protein Nucleic Acid Enzyme (Tokyo)* 17:461-9, Jun 72 (68 ref.) (Jap)

## PHEOCHROMOCYTOMA (C2)

- Catecholamines—a symposium. *Calif Med* 117:32-62, Sep 72 (136 ref.)

## PICA (C17, F1)

- Pica: its relation to iron deficiency. A review of the recent literature. Ansell JE, et al. *Va Med Mon* 99:951-4, Sep 72 (17 ref.)

## PITUITARY-ADRENAL SYSTEM (G1)

- Mammalian behavior and the adrenal cortex. A review. Brain PF. *Behav Biol* 7:453-77, Aug 72 (165 ref.)  
[Catecholamines and corticosteroids (molecular aspects of the interrelations of 2 basic adaptational systems)] Utevkif AM, et al. *Usp Sovrem Biol* 73:323-41, May-Jun 72 (300 ref.) (Rus)

## PLANTS (B6)

- The influence of plants on anopheline breeding. Hall TF. *Am J Trop Med Hyg* 21:787-94, Sep 72  
An appraisal of the neurotoxicity of cycad and the etiology of amyotrophic lateral sclerosis on Guam. Kurland LT. *Fed Proc* 31:1540-2, Sep-Oct 72 (26 ref.)  
General features of cycads. Introductory remarks. Mickelson O. *Fed Proc* 31:1465, Sep-Oct 72 (8 ref.)

## PLASMODIUM

### PLASMODIUM (B1)

The immunologic response to plasmodium. Cohen S, et al. *Am J Trop Med Hyg* 31:713-31, Sep 72 (55 ref.)  
Sporozoite-induced immunity in mammalian malaria. A review. Nussenzweig RS, et al.  
*Am J Trop Med Hyg* 21:723-8, Sep 72 (34 ref.)

### PLEURA (A4)

The pleural space and pleural fluid. Black LF.  
*Mayo Clin Proc* 47:493-504, Jul 72 (76 ref.)

### PLEURAL EFFUSION (A12, C5)

The pleural space and pleural fluid. Black LF.  
*Mayo Clin Proc* 47:493-504, Jul 72 (76 ref.)

### POISONING (C14)

Problems posed by observations of serum enzyme changes in toxicology. Cornish HH.  
*CRC Crit Rev Toxicol* 1:1-32, Sep 71 (187 ref.)

### POLLEN (B6, D12)

Recent developments in pollen serobiology. Newmark FM. *Ann Allergy* 28:149-52, Apr 70 (46 ref.)  
Ragweed pollen: a review. Goldfarb AR.  
*J Asthma Res* 9:139-52, Mar 72 (73 ref.)

### POLYSACCHARIDES (D11)

Affinity chromatography of macromolecules. Cuatrecasas P. *Adv Enzymol* 36:29-89, 1972 (167 ref.)  
Shapely polysaccharides. The eighth Colworth medal lecture. Rees DA.  
*Biochem J* 126:257-73, Jan 72 (73 ref.)

### POPULATION (I, N1)

Birth order effects: not here, not now. Schooler C.  
*Psychol Bull* 78:161-75, Sep 72 (67 ref.)

### POSTOPERATIVE COMPLICATIONS (C17)

[Treatment of Crohn's disease and the sequelae of small intestinal resection] Faussa O.  
*Tidsskr Nor Lægeforen* 92:1377-80, 10 Aug 72 (6 ref.) (Eng. Abstr.) (Nor)

### PRECANCEROUS CONDITIONS (C2)

Ultrastructure of the human mammary gland. Ozzello L. *Pathol Annu* 6:1-59, 1971 (61 ref.)

### PREGNANCY, ANIMAL (G1)

Changes in the pattern of glucose metabolism in growth, pregnancy and lactation in ruminants. Lindsay DB. *Proc Nutr Soc* 30:372-7, Dec 71 (43 ref.)

### PREGNANCY COMPLICATIONS (C6)

Current concepts in antepartum and intrapartum fetal evaluation. Freeman RK, et al.  
*Curr Probl Pediatr* 2:1-29, Jul 72 (50 ref.)  
[Determination of fetal maturity by amniotic fluid (literature survey)] Chernukha EA, et al.  
*Vopr Okhr Materin Det* 17:69-71, Jun 72 (48 ref.) (Rus)

### PREGNANCY COMPLICATIONS, HEMATOLOGIC (C6, C9)

[Thromboembolic complications in pregnancy and during delivery] Ludwig H.  
*Z Geburtshilfe Perinatol* 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)

### PROLACTIN (D8)

Human prolactin. An ancient molecule provides new insights for clinical medicine. Turkington RW. *Am J Med* 53:389-94, Oct 72 (38 ref.)  
Influence of hormones on enzyme activity in mouse mammary gland in vitro. Rivera EM.  
*J Dairy Sci* 55:1308-18, Sep 72 (49 ref.)

### PROPANEDIOLS (D2)

The pharmacology of propanediol carbamates. Ludwig BJ, et al.  
*Adv Pharmacol Chemother* 9:173-240, 1971 (305 ref.)

### PROPRANOLOL (D2, D5)

[Coronary circulation. 2. Coronary resistance. (3) propranolol (Inderal), (4) dipyridamole (Persantin) and vasopressin (Pitressin)] Saito T.  
*Jap J Anesthesiol* 31:479-84, May 72 (23 ref.) (Jap)

## MEDICAL REVIEWS

### PROSTAGLANDINS (D12)

The prostaglandins. Shearman RP.  
*Med J Aust* 2:86-90, 8 Jul 72 (44 ref.)  
[Prostaglandins] Matuchansky C, et al.  
*Cah Med* 13:525-39, 15 Jun 72 (196 ref.) (Fre)

### PROTEIN BINDING (G1)

Acyl carrier protein. Prescott DJ, et al.  
*Adv Enzymol* 36:289-311, 1972

### PROTEINS (D10)

Acyl carrier protein. Prescott DJ, et al.  
*Adv Enzymol* 36:289-311, 1972  
Molar absorptivity and A-1 per cent-1 cm values for proteins at selected wavelengths of the ultraviolet and visible region. VI. Kirschenbaum DM.  
*Int J Protein Res* 4:125-40, 1972 (145 ref.)  
[Liver and protein metabolism] Emurich R.  
*Z Gesamte Inn Med* 27:369-74, 1 May 72 (34 ref.) (Eng. Abstr.) (Ger)

### PROTHROMBIN (D7, D9)

A plasma protein which increases with vitamin K deficiency. Nutr Rev 30:211-3, Sep 72 (8 ref.)

### PROTOZOAN INFECTIONS (C1)

Immunological methods in diagnosis of protozoan diseases in man and domestic animals. Soltys MA, et al.  
*Z Tropenmed Parasitol* 23:172-87, Jun 72 (119 ref.)

### PSYCHIATRY (F2, F3, G2)

Psychiatry in Latin America. Leon CA.  
*Br J Psychiatry* 121:121-36, Aug 72

### PSYCHOLOGICAL TESTS (F3)

The distinctiveness of field independence. Vernon PE.  
*J Pers* 40:366-91, Sep 72 (114 ref.)

### PSYCHOLOGICAL THEORY (F1)

The structure and functional unity of psychological processes. Leeper RW.  
*Ann NY Acad Sci* 193:300-16, 25 Aug 72 (46 ref.)

### PSYCHOSES (F2)

Late onset psychosis. Kolvin I.  
*Br Med J* 3:816-7, 30 Sep 72 (47 ref.)

### PSYCHOSES, SENILE (C10, F2)

"Senile dementia": a changing perspective. Alexander DA. *Br J Psychiatry* 121:207-14, Aug 72 (71 ref.)

### PSYCHOTHERAPY (F3)

Social imitation—a neglected factor in psychotherapy? Davies MH. *Br J Psychiatry* 121:281-5, Sep 72 (22 ref.)  
LSD psychotherapy: a review of the literature and some proposals for future research. Clyman RC.  
*RI Med J* 55:283-6, Sep 72 (18 ref.)

### PUERPERAL DISORDERS (C6)

[Etiology and pathogenesis of Sheehan's syndrome (review of the literature)] Pasha SP.  
*Akush Ginekol (Mosk)* 48:20-3, May 72 (33 ref.) (Eng. Abstr.) (Rus)

### PULMONARY CIRCULATION (G1)

The blood and lymphatic microcirculation of the lung. Lauweryns JM. *Pathol Annu* 6:365-415, 1971 (95 ref.)

### PULMONARY EMBOLISM (C8)

[Ligation or plication of the inferior caval vein in the prevention of recurrent pulmonary embolism] Meissner AJ, et al.  
*Pol Tyg Lek* 27:1242-5, 7 Aug 72 (23 ref.) (Pol)

### PYELONEPHRITIS (C6)

[Xanthomic pyelonephritis] Sođnik H.  
*Wlad Lek* 25:1547-51, 1 Sep 72 (21 ref.) (Pol)

### PYRIDOXINE (D11)

Normal and pathological conditions which may alter the human requirement for vitamin B6. Brown RR.  
*J Agric Food Chem* 20:498-505, May-Jun 72 (63 ref.)

### PYRIDOXINE DEFICIENCY (C13)

Normal and pathological conditions which may alter the human requirement for vitamin B6. Brown RR.  
*J Agric Food Chem* 20:498-505, May-Jun 72 (63 ref.)

### QUALITY OF HEALTH CARE (N4)

Quality in general practice. A commentary on the quality of care provided by general practitioners. Honigsbaum F.  
*J R Coll Gen Pract* 22:429-51, Jul 72 (137 ref.)

### RADIATION (H)

Radiosensitivity-simultaneous ultrasonic and ionizing radiation. Spring E.  
*Mod Trends Radiother* 2:51-8, 1972 (16 ref.)

### RADIATION EFFECTS (G3)

Abnormalities of intrauterine development in non-human primates. Wilson JG.  
*Acta Endocrinol [Suppl]* (Kbh) 166:261-92, 1972 (101 ref.)  
Role of the phagocyte in host-parasite interactions. 38. Metabolic activities of the phagocyte as related to antimicrobial action. Sbarra AJ, et al.  
*J Reticuloendothel Soc* 12:109-26, Aug 72  
Blood pressure as a factor in radiotherapy. Jenkin RD.  
*Mod Trends Radiother* 2:157-64, 1972 (8 ref.)  
Actions of radiations on human chromosomes. Evans HJ. *Phys Med Biol* 17:1-13, Jan 72 (22 ref.)  
[Detoxication of bacterial endotoxins in vitro. 1. Review of literature] Bathke W.  
*Arch Exp Veterinarmed* 26:115-23, 1972 (127 ref.) (Eng. Abstr.) (Ger)

### RADIATION INJURIES (C14)

Radiation injury with particular reference to thorotrast. Grampa G.  
*Pathol Annu* 6:147-69, 1971 (199 ref.)  
[Biochemical changes caused by irradiation and the problem of biological dosimetry] Răiculescu N, et al.  
*Stud Cercet Med Intern* 13:127-43, 1972 (65 ref.) (Eng. Abstr.) (Rum)

### RADIATION INJURIES, EXPERIMENTAL (C14)

[Postirradiation restoration of hematopoiesis during treatment with autologous bone marrow] Strelin GS, et al.  
*Usp Sovrem Biol* 72:375-96, Nov-Dec 71 (157 ref.) (Rus)

### RADIATION MONITORING (E5, G3)

Computers in radiotherapy-physical uses. Wood RG.  
*Mod Trends Radiother* 2:285-95, 1972 (9 ref.)

### RADIOBIOLOGY (G1)

Recent advances in radiobiology. Moore J.  
*Mod Trends Radiother* 2:12-36, 1972 (58 ref.)

### RADIOMETRY (E5)

Clinical dosimetry. Cohen M.  
*Mod Trends Radiother* 2:247-65, 1972 (56 ref.)

### RADIOTHERAPY (E2)

Computers in radiotherapy-clinical applications. Deeley TJ.  
*Mod Trends Radiother* 2:117-22, 1972 (7 ref.)  
Computers in radiotherapy-physical uses. Wood RG.  
*Mod Trends Radiother* 2:285-95, 1972 (9 ref.)

### RADIOTHERAPY DOSAGE (E2)

Clinical dosimetry. Cohen M.  
*Mod Trends Radiother* 2:247-65, 1972 (56 ref.)  
Isodose planning using closed circuit television. Smith CW. *Mod Trends Radiother* 2:266-84, 1972 (43 ref.)  
[X-ray treatment of skin neoplasms by means of the fractionation method] Kik A.  
*Przeg Dermatol* 59:571-5, Jul-Aug 72 (27 ref.) (Pol)

### RADIOTHERAPY, HIGH ENERGY (E2)

Fast neutron therapy. Greene D.  
*Mod Trends Radiother* 2:226-46, 1972 (38 ref.)

### RECEPTORS, DRUG (G1)

The possible role of the adrenergic systems of the cortex in learning. Kety SS.  
*Res Publ Assoc Res Nerv Ment Dis* 56:376-89, 1972 (54 ref.)

### RECEPTORS, NEURAL (A8)

[Thermosensitive structure in spinal cord. Iriki M.  
*J Physiol Soc Jap* 34:199-208, Apr 72 (45 ref.)



## REGENERATION (G1)

[Completeness of skin regeneration in mammals] Efimov EA.  
Usp Sovrem Biol 72:431-43, Nov-Dec 71 (33 ref.) (Rus)

## REPRODUCTION (G1)

The influence of plants on anopheline breeding. Hall TF. Am J Trop Med Hyg 21:787-94, Sep 72

## REPTILES (B2)

Anesthesia for reptiles. Calderwood HW.  
J Am Vet Med Assoc 159:1618-25, 1 Dec 71 (36 ref.)  
Reptiles as research models in comparative physiology. Dawson WR.  
J Am Vet Med Assoc 159:1653-61, 1 Dec 71 (71 ref.)  
Parasitic diseases of reptiles. Telford SR Jr.  
J Am Vet Med Assoc 159:1644-52, 1 Dec 71 (23 ref.)  
Environmental and nutritional diseases of captive reptiles. Wallach JD.  
J Am Vet Med Assoc 159:1632-43, 1 Dec 71 (54 ref.)  
[Comparative characteristics of basic cortical zones of the reptilian forebrain] Goncharova NV, et al.  
Usp Sovrem Biol 72:444-62, Nov-Dec 71 (100 ref.) (Rus)

## RESPIRATION (G1)

[Aerodynamics of nose respiration] Betlejowski S.  
Otolaryngol Pol 26:475-8, 1972 (10 ref.) (Pol)

## RESPIRATORY FUNCTION TESTS

### (E1)

Regional pulmonary function. Secker-Walker RH, et al.  
CRC Crit Rev Radiol Sci 3:287-319, Apr 72 (216 ref.)

## RESPIRATORY INSUFFICIENCY (C5)

Acute respiratory failure in the adult. 1. Pontoppidan H, et al. N Engl J Med 287:690-8, 5 Oct 72 (64 ref.)

## RESUSCITATION (E2)

[Death, reanimation, deanimation. 3] Sych M.  
Przegl Lek 29:629-34, 1972 (17 ref.) (Pol)

## RETINA (A9)

Functional organization of a vertebrate retina: sharpening up in space and intensity. Werblin FS.  
Ann NY Acad Sci 193:75-85, 25 Aug 72 (13 ref.)

## RETINOBLASTOMA (C2)

[New aspects of the treatment of retinoblastoma] Klouček F.  
Česk Oftalmol 26:309-20, Sep 72 (71 ref.) (Cze)

## RH FACTORS (D12)

[Action of anti-D in the prevention of anti-Rh sensitization] Hummel K.  
Blut 25:207-13, Sep 72 (30 ref.) (Eng. Abstr.) (Ger)

## RICKETTSIAL DISEASES (C1)

Summary of recent abstracts. VII. Rickettsial diseases. Fulton JD. Trop Dis Bull 69:705-11, Aug 72

## RNA (D10)

Review. Antigen-RNA interactions. Gottlieb AA, et al.  
Cell Immunol 5:341-62, Oct 72 (97 ref.)

## RNA, VIRAL (D10)

[Replication of viral RNA] Agol VI.  
Usp Sovrem Biol 72:315-38, Nov-Dec 71 (167 ref.) (Rus)

## RNA VIRUSES (B4)

Molecular hybridization: a powerful approach to the detection of viral nucleic acid sequences in human cancer. Green M, et al.  
J Natl Cancer Inst 48:1559-65, Jun 72 (27 ref.)

## ROOT CANAL THERAPY (E6)

Sterilization of infected root canals. Grossman LJ.  
J Am Dent Assoc 85:900-5, Oct 72 (35 ref.)

## RUMEN (A13)

[Suitability of synthetic nitrogen compounds as protein substitution source in the feeding of ruminants] Wetterau H, et al.  
Monatsh Vet Med 27:307-14, 15 Apr 72 (56 ref.) (Eng. Abstr.) (Ger)

## SALIVA (A12)

[Secretory IgA: determination in saliva] Vervloet D, et al.  
Mars Med 109:289-300, 1972 (78 ref.) (Fre)

## SCHIZOPHRENIA (F2)

[The serum membranotropic factor of schizophrenia patients (literature survey)] Lideman RH.  
Zh Nevropatol Psikhiatr 72:604-12, 1972 (62 ref.) (Rus)

## SERIAL LEARNING (F1)

Retention over time in relation to arousal during learning: an explanation of discrepant results. Levonian E.  
Acta Psychol (Amst) 36:290-321, Sep 72 (51 ref.)

## SERODIAGNOSIS (E1)

The research and development of serologic tests for malaria. Sadun KH.  
Am J Trop Med Hyg 21:877-82, Sep 72 (43 ref.)

## SEROTONIN (D2, D5)

Chemical-feedback regulation of serotonin-containing neurons in brain. Aghajanian GK.  
Ann NY Acad Sci 193:84-94, 25 Aug 72 (33 ref.)

## SEX CHROMOSOME

### ABNORMALITIES (C16)

The 47,XXX male: a review. Owen DR.  
Psychol Bull 78:209-33, Sep 72 (226 ref.)

## SEX CHROMOSOMES (A11)

Genetics and immunology of sex-linked antigens. Gasser DL, et al. Adv Immunol 15:215-47, 1972

## SEX DETERMINATION (E1, E5, G1)

[Abnormal sex determination and differentiation] Boczkowski K.  
Pol Tyg Lek 27:1138-40, 17 Jul 72 (16 ref.) (Pol)

## SEX DIFFERENTIATION DISORDERS

### (C6, C16)

[Abnormal sex determination and differentiation] Boczkowski K.  
Pol Tyg Lek 27:1138-40, 17 Jul 72 (16 ref.) (Pol)

## SHEEP (B2)

Physiological factors affecting the energy cost of cold exposures. Slee J.  
Proc Nutr Soc 30:215-21, Dec 71 (49 ref.)

## SHOCK (C17)

Shock. Gill W, et al.  
J R Coll Surg Edinb 17:304-14, Sep 72 (89 ref.)  
Shock. McGovern VJ.  
Pathol Annu 6:279-98, 1971 (57 ref.)  
[Significance of adrenergic receptor blockade in the treatment of shock] Słowińska J.  
Wiad Lek 25:1427-31, 15 Aug 72 (17 ref.) (Pol)

## SKIN (A1)

Reconstruction of the hypopharynx and cervical esophagus. Leonard JR, et al.  
Otolaryngol Clin North Am 5:435-46, Oct 72 (23 ref.)  
Survey of the use of composite grafts in the head and neck region. Walter C.  
Otolaryngol Clin North Am 5:571-602, Oct 72 (121 ref.)  
Aging: noncycling cells an explanation. Gelfant S, et al.  
Science 178:357-61, 27 Oct 72 (48 ref.)  
[Completeness of skin regeneration in mammals] Efimov EA.  
Usp Sovrem Biol 72:431-43, Nov-Dec 71 (33 ref.) (Rus)

## SKIN DISEASES (C12)

[Use of dimethyl sulfoxide in dermatology] Seferowicz E.  
Przegl Dermatol 59:559-64, Jul-Aug 72 (40 ref.) (Pol)  
[Hydrogen sulfide balneotherapy of skin diseases (review)] Studnitsin AA, et al.  
Vestn Dermatol Venereol 46:23-9, Jul 72 (76 ref.) (Eng. Abstr.) (Rus)

## SKIN NEOPLASMS (C2)

[X-ray treatment of skin neoplasms by means of the fractionation method] Kik A.  
Przegl Dermatol 59:571-5, Jul-Aug 72 (27 ref.) (Pol)

## SLEEP (F1, G1)

Relationship of sleep to neuroanatomical circuits, biochemistry, and behavior. Morgane PJ, et al.  
Ann NY Acad Sci 193:95-111, 25 Aug 72 (46 ref.)

## SMOKING (F1)

Smoking and the gastrointestinal tract. Bennett JR.  
Gut 13:658-65, Aug 72 (77 ref.)

## SOCIAL BEHAVIOR (F1)

Social imitation—a neglected factor in psychotherapy? Davies MH. Br J Psychiatry 121:281-5, Sep 72 (22 ref.)

## SOCIAL VALUES (F1)

The social effects of legal abortion. Schwartz RA.  
Am J Public Health 62:1331-5, Oct 72 (31 ref.)

## SOCIOLOGY (F3, I)

[Philosophical and sociological aspects of human genetics. 1] Dubinin NP.  
Z Aerzt Fortbild (Jena) 66:437-43, 1 May 72 (Ger)

## SOIL (G3)

Adsorption of pesticides by humic substances. A review. Khan SU. Environ Lett 3:1-12, 1972 (24 ref.)

## SPACE PERCEPTION (F1)

Functional organization of a vertebrate retina: sharpening up in space and intensity. Werblin FS.  
Ann NY Acad Sci 193:75-85, 25 Aug 72 (13 ref.)

## SPINAL CORD (A8)

[Thermosensitive structure in spinal cord. Iriki M.  
J Physiol Soc Jap 34:199-208, Apr 72 (45 ref.)

## SPINAL CORD NEOPLASMS (C2)

Painful traumatic neuromas. Mathews GJ, et al.  
Surg Clin North Am 52:1313-24, Oct 72 (75 ref.)

## SPLENECTOMY (E4)

[Significance of exploratory laparotomy and splenectomy in the classification and choice of therapeutic methods in the treatment of Hodgkin's disease] Judkiewicz L, et al.  
Pol Tyg Lek 27:1490-2, 18 Sep 72 (20 ref.) (Pol)

## SPORT MEDICINE (G2)

[Are snowmobile always responsible? Review of the medical literature on accidents associated with the use of snowmobiles] Saidi K, et al.  
Union Med Can 101:1854-9, Sep 72 (22 ref.) (Eng. Abstr.) (Fre)  
[Doping in sport] Pawlucski A.  
Wiad Lek 25:1433-7, 15 Aug 72 (8 ref.) (Eng. Abstr.) (Pol)

## SPORTS (E2)

[Gymnastics and sport] Mies H.  
Munch Med Wochenschr 114:1394-401, 4 Aug 72 (72 ref.) (Ger)

## SPUTUM (A12)

[Biochemical properties of bronchial secretion and sputum. (Review)] Rejthar L, et al.  
Vnitř Lek 18:875-88, Sep 72 (41 ref.) (Eng. Abstr.) (Cze)

## STARCH (D11)

Differences in the metabolism of dietary carbohydrates studied in the rat. Naismith DJ.  
Proc Nutr Soc 30:250-65, Dec 71 (20 ref.)

## STERILITY (C6)

[The immunologic aspects of infertility in marriage (literature survey)] Volkova LS.  
Akush Ginekol (Mosk) 48:6-10, Jun 72 (Rus)

## STERILITY, FEMALE (C6)

[Gonadotropin therapy of female sterility] Breckwoldt M. Med Klin 67:873-9, 23 Jun 72 (27 ref.) (Ger)  
[Sterility of the woman. Etiology and diagnosis] Lübke F. Med Klin 67:867-73, 23 Jun 72 (48 ref.) (Ger)

## STERILIZATION (G3)

Sterilization of infected root canals. Grossman LJ.  
J Am Dent Assoc 85:900-5, Oct 72 (35 ref.)

## STOMACH NEOPLASMS

### STOMACH NEOPLASMS (C2)

Early diagnosis of gastric cancer. Samuel E.  
CRC Crit Rev Radiol Sci 3:344-52, Apr 72 (36 ref.)

### STOMACH ULCER (C4)

[Medical treatment of gastric and duodenal ulcer]  
Myron J.  
Tidsskr Nor Laegeforen 92:1386-91, 10 Aug 72 (11 ref.)  
(Eng. Abstr.) (Nor)

### STREPTOCOCCAL INFECTIONS (C1)

Mechanisms of cell and tissue injury induced by group A streptococci: relation to poststreptococcal sequelae. Ginsburg I.  
J Infect Dis 126:294-340, Sep 72 (368 ref.)

### STRESS, PSYCHOLOGICAL (F1)

[Biogenic amines in various internal and psychiatric diseases] Schrammowa H, et al.  
Psychiatr Pol 6:477-81, Jul-Aug 72 (53 ref.) (Pol)

### SUCROSE (D11)

Differences in the metabolism of dietary carbohydrates studied in the rat. Naismith DJ.  
Proc Nutr Soc 30:259-65, Dec 71 (20 ref.)

### SURGERY, OPERATIVE (E4)

Management of the pediatric surgical patient. Buntain WL, et al. Mayo Clin Proc 47:654-80, Sep 72 (61 ref.)

### SWINE (B2)

A review of some effects on health and performance of variations in the physical form of the diet of the growing pig. I. Cereal processing. Lawrence TL.  
Vet Rec 91:67-70, 15 Jul 72 (36 ref.)

### SYMPATHETIC NERVOUS SYSTEM

#### (A8)

Subcellular localisation of noradrenaline in sympathetic neurons. Smith AD.  
Pharmacol Rev 24:435-57, Sep 72 (102 ref.)  
Neural and hormonal control of catecholamine synthesis. Axelrod J.  
Res Publ Assoc Res Nerv Ment Dis 50:229-40, 1972 (29 ref.)

### SYMPATHOMIMETICS (D5)

[Progress in the symptomatic treatment of bronchial asthma] Jäger L.  
Z Erkr Atmungsorgane 136:231-45, Apr 72 (104 ref.) (Ger)

### SYNAPSES (A8)

The synaptic actions mediated by the different branches of a single neuron. Kandel ER, et al.  
Res Publ Assoc Res Nerv Ment Dis 50:91-146, 1972 (81 ref.)

### SYPHILIS (C1)

[Effectiveness of penicillin treatment of syphilis in the light of experimental studies] Manikowska-Lesinska W. Przegi Dermatol 59:553-8, Jul-Aug 72 (52 ref.) (Pol)

### TABLETS (D13)

Tableting research and technology. Cooper J, et al.  
J Pharm Sci 61:1511-55, Oct 72 (527 ref.)

### TECHNOLOGY, PHARMACEUTICAL

#### (E5)

Tableting research and technology. Cooper J, et al.  
J Pharm Sci 61:1511-55, Oct 72 (527 ref.)

### TELEVISION (L)

Isodose planning using closed circuit television. Smith CW. Mod Trends Radiother 2:266-84, 1972 (43 ref.)

### TEMPERATURE SENSE (F1, G1)

[Thermosensitive structure in spinal cord. Iriki M.]  
J Physiol Soc Jap 34:199-208, Apr 72 (45 ref.)

### TESTIS (A5, A6)

Gametogenesis. Baker TG.  
Acta Endocrinol [Suppl] (Kbh) 166:18-41, 1972 (137 ref.)

## MEDICAL REVIEWS

### THALIDOMIDE (D6)

Abnormalities of intrauterine development in non-human primates. Wilson JG.  
Acta Endocrinol [Suppl] (Kbh) 166:261-92, 1972 (101 ref.)

### THIOBACILLUS (B3)

Biology of Thiobacillus ferrooxidans in relation to the microbiological leaching of sulphide ores. Tuovinen OH, et al. Z Allg Mikrobiol 12:311-46, 1972 (219 ref.)

### THIOPHENES (D2)

Pizotifen (BC-105): a review of its pharmacological properties and its therapeutic efficacy in vascular headaches. Speight TM, et al.  
Drugs 3:150-203, 1972 (63 ref.)

### THORIUM DIOXIDE (D1, D13)

Radiation injury with particular reference to thorotrast. Grampa G.  
Pathol Annu 6:147-69, 1971 (199 ref.)

### THROMBOEMBOLISM (C8)

[Thromboembolic complications in pregnancy and during delivery] Ludwig H.  
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)  
[Principles of thrombolytic treatment] Judkiewicz L, et al. Pol Tyg Lek 27:1011-3, 26 Jun 72 (27 ref.) (Pol)

### THYMUS GLAND (A7)

The regulatory influence of activated T cells on B cell responses to antigen. Katz DH, et al.  
Adv Immunol 15:1-94, 1972 (353 ref.)

### THYROID NEOPLASMS (C2)

True thyroid adenoma. Ferriman D, et al.  
Q J Med 41:127-39, Apr 72 (36 ref.)  
[Ultrastructural pathology and surgery of the thyroid gland] Seifert G.  
Dtsch Med Wochenschr 97:1431-4, 22 Sep 72 (25 ref.) (Ger)

### TISSUE PRESERVATION (E5)

Liver preservation without perfusion. Schalm SW.  
Folia Med Neerl 15:198-206, 1972 (47 ref.)

### TOXINS (D12)

Blood platelet as a model for action of drugs and bacterial products. Paasonen MK.  
Toxicon 10:479-84, Aug 72 (37 ref.)

### TRACE ELEMENTS (D1)

[Trace elements in food. VI. Copper] Schlettwein-Gsell D, et al.  
Int J Vitam Nutr Res 41:554-82, 1971 (71 ref.) (Eng. Abstr.) (Ger)

### TRANQUILIZING AGENTS (D6)

Psychoactive drugs in outpatient therapy. Gottschalk LA. Psychiatry Med 2:116-25, Apr 71 (47 ref.)  
[Medical treatment of gastric and duodenal ulcer]  
Myron J.  
Tidsskr Nor Laegeforen 92:1386-91, 10 Aug 72 (11 ref.) (Eng. Abstr.) (Nor)

### TRANSFERRIN (D10)

Serum transferrin levels and the assessment of protein nutritional status. Nutr Rev 30:205-7, Sep 72 (12 ref.)

### TRANSPLANTATION, AUTOLOGOUS

#### (E4)

Reconstruction of the mandible. Alonso MR, et al. Otolaryngol Clin North Am 5:501-11, Oct 72 (24 ref.)  
Bone and cartilage grafts: current concepts. Goode RL. Otolaryngol Clin North Am 5:447-55, Oct 72 (17 ref.)  
Reconstruction of the hypopharynx and cervical esophagus. Leonard JR, et al. Otolaryngol Clin North Am 5:435-46, Oct 72 (23 ref.)  
Survey of the use of composite grafts in the head and neck region. Walter C. Otolaryngol Clin North Am 5:571-602, Oct 72 (121 ref.)  
[Postirradiation restoration of hematopoiesis during treatment with autologous bone marrow] Strelin GS, et al. Usp Sovrem Biol 72:375-90, Nov-Dec 71 (157 ref.) (Rus)

### TRANSPLANTATION, HETEROLOGOUS (E4)

Bone and cartilage grafts: current concepts. Goode RL. Otolaryngol Clin North Am 5:447-55, Oct 72 (17 ref.)

### TRANSPLANTATION IMMUNOLOGY

#### (G1)

Tissue typing and organ transplantation. Singal DP. Can J Surg 15:295-9, Sep 72 (27 ref.)  
[The HL-A-system] Mayr WR.  
Folia Haematol (Leipz) 97:245-58, 1972 (70 ref.) (Eng. Abstr.) (Ger)

### TROPICAL CLIMATE (G3)

[Thermal disorders among the crews of ships in the lower latitudes (literature survey)] Alfimov NN, et al. Voen Med Zh 7:81-6, Jul 72 (19 ref.) (Rus)

### TRYPANOSOMIASIS (C1)

Summary of recent abstracts. IV. Trypanosomiasis. Lumsden WH. Trop Dis Bull 69:353-67, May 72

### TRYPSIN INHIBITORS (D9)

[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A.  
Przegi Lek 29:699-705, 1972 (76 ref.) (Pol)

### TRYPTOPHAN (D10)

[Chief clinical syndromes in children with tryptophan metabolism disorders (literature survey)] Tabolin VA, et al.  
Vopr Okhr Materin Det 17:45-8, Jun 72 (36 ref.) (Rus)

### TUBERCULOSIS (C1)

A review of early events in tubercle formation. Chapman JS.  
Acta Pathol Microbiol Scand [A] 233:189-94, 1972 (34 ref.)

### TUBERCULOSIS, PULMONARY (C1, C5)

Intermittent chemotherapy or improvement of initial treatment in tuberculosis. Oka S.  
Sci Rep Res Inst Tohoku Univ [Med] 18:1-6, Jul 71 (81 ref.)

### TYRAMINE (D5)

Migraine. Hanington E.  
Trans Med Soc Lond 87:32-9, 1971 (18 ref.)

### UDDER (A13)

Glucose metabolism in the ruminant. Smith GH.  
Proc Nutr Soc 30:265-72, Dec 71 (23 ref.)

### ULTRASONIC THERAPY (E2)

Radiosensitivity-simultaneous ultrasonic and ionizing radiation. Spring E.  
Mod Trends Radiother 2:51-8, 1972 (16 ref.)

### UREMIA (C6)

[Hemolytic-uremic syndrome] Wijffels JC.  
Ned Tijdschr Geneesk 116:1735-42, 23 Sep 72 (51 ref.) (Dut)

### URICOSURIC AGENTS (D7)

Drug treatment of gout. Kelley WN, et al.  
Semin Drug Treat 1:119-47, Sep 71 (274 ref.)

### URINARY TRACT (A5)

[Radiodiagnosis of urinary tract injuries] Bandtlow KH.  
Monatsschr Unfallheilkd 75:350-6, Aug 72 (36 ref.) (Eng. Abstr.) (Ger)

### URINARY TRACT INFECTIONS

#### (C1, C6)

Urinary tract infection: some recent concepts. Bailey RR. Can Med Assoc J 107:316-30, 19 Aug 72 (70 ref.)

### UTERUS (A5)

Uterine lipid metabolism--a review of the literature. Beall JR.  
Comp Biochem Physiol [B] 42:175-95, 15 May 72

[Review of literature and experimental contribution on KO 592 a drug with beta-adrenolytic activity. II] Marmo E, et al.  
Chim Ter 62:117-63, 19 Jul 72 (408 ref.) (Ita)

## VARICOSE ULCER (C8, C12)

[Varicose leg ulcers as a social problem] Wyszogrodzka M, et al.  
Przeg Dermatol 59:565-70, Jul-Aug 72 (26 ref.) (Pol)

## VASCULAR RESISTANCE (G1)

[Coronary circulation. 2. Coronary resistance, (3) propranolol (Inderal), (4) dipyridamole (Persantin) and vasopressin (Pitressin)] Saito T.  
Jap J Anesthesiol 21:479-86, May 72 (23 ref.) (Jap)

## VASOPRESSIN (D7, D8, D10)

[Coronary circulation. 2. Coronary resistance, (3) propranolol (Inderal), (4) dipyridamole (Persantin) and vasopressin (Pitressin)] Saito T.  
Jap J Anesthesiol 21:479-86, May 72 (23 ref.) (Jap)

## VECTORCARDIOGRAPHY (E1)

[Clinical significance of vectorcardiography] Wenger R. Med Klin 67:827-30, 16 Jun 72 (9 ref.) (Ger)

## VENA CAVA, INFERIOR (A7)

[Ligation or plication of the inferior caval vein in the prevention of recurrent pulmonary embolism] Melasner AJ, et al.  
Pol Tyg Lek 27:1242-5, 7 Aug 72 (23 ref.) (Pol)

## VENEREAL DISEASES (C1)

A world-wide view of venereal disease. Wilcox RR.  
Br J Vener Dis 48:163-76, Jun 72 (94 ref.)

## VESTIBULAR NERVE (A8)

[The central vestibular syndrome. Anatomic-functional bases and symptomatologic expression]

Barraquer-Bordas L.  
Acta Otorinolaryngol Iber Am 23:349-56 passim, 1972 (51 ref.) (Eng. Abstr.) (Spa)

## VESTIBULAR NUCLEI (A8)

[The central vestibular syndrome. Anatomic-functional bases and symptomatologic expression]  
Barraquer-Bordas L.  
Acta Otorinolaryngol Iber Am 23:349-56 passim, 1972 (51 ref.) (Eng. Abstr.) (Spa)

## VIRUS DISEASES (C1)

Viral infections in patients with malignant diseases.  
Cappel R, et al. Eur J Cancer 8:175-9, Apr 72 (41 ref.)

## VIRUS REPLICATION (G1)

[Replication of viral RNA] Agol VI.  
Usp Sovrem Biol 72:315-38, Nov-Dec 71 (167 ref.) (Rus)

## VIRUSES (B4)

[Current problems of aerobiology (survey of the literature)] Vlodavets VV.  
Zh Mikrobiol Epidemiol Immunobiol 49:56-9, Jun 72 (52 ref.) (Rus)

## VISUAL PERCEPTION (F1)

Perceptual entities and forms. Riesen AH.  
Ann NY Acad Sci 193:150-8, 25 Aug 72 (13 ref.)

## VITAMIN A (D10, D11)

Carotenoid vitamin A precursors and analogs in foods and feeds. Bauernfeind JC.  
J Agric Food Chem 20:456-73, May-Jun 72 (243 ref.)

## VITAMIN K DEFICIENCY (C9, C13)

A plasma protein which increases with vitamin K deficiency. Nutr Rev 30:211-3, Sep 72 (8 ref.)

## VOMITING (C4, C17)

[Vomiting in infancy. Pediatric-surgical aspects] Bettex M.  
Monatsschr Kinderheilkd 120:279-82, Jul 72 (4 ref.) (Ger)

[Vomiting in infancy. Pediatric-radiological aspects] Holthusen W.  
Monatsschr Kinderheilkd 120:274-8, Jul 72 (12 ref.) (Ger)

[Persisting vomiting in infancy. Pediatric aspects] Schäfer KH.  
Monatsschr Kinderheilkd 120:266-73, Jul 72 (13 ref.) (Ger)

## VULVAR NEOPLASMS (C2)

Verrucous carcinoma. Report of three vulvar cases and review of the literature. Gallousis S.  
Obstet Gynecol 40:502-7, Oct 72 (15 ref.)

## WOLFF-PARKINSON-WHITE SYNDROME (C8)

[Surgical treatment of Wolff-Parkinson-White syndrome] Iwa T, et al.  
Jap J Clin Med 30:1779-89, Aug 72 (51 ref.) (Jap)  
[Classification and interpretation of WPW syndrome] Kuramoto K, et al.  
Jap J Clin Med 30:1770-8, Aug 72 (31 ref.) (Jap)

## XANTHOMATOSIS (C12)

[Xanthomic pyelonephritis] Sofnik H.  
Wiad Lek 25:1547-51, 1 Sep 72 (21 ref.) (Pol)

## YEASTS (B5)

[Respiratory deficiency in yeast cells: critical study of its causes. II. RD-state (petite-mutation) and related deficiencies] Kraepelin G.  
Z Allg Mikrobiol 12:235-66, 1972 (293 ref.) (Ger)





# bibliography of medical reviews

## Author Section

### A

- Abrams HL: Quantitative derivatives of renal radiologic studies. An overview. *Invest Radiol* 7:240-78, Jul-Aug 72 (119 ref.)
- Aghajanian GK: Chemical-feedback regulation of serotonin-containing neurons in brain. *Ann NY Acad Sci* 193:36-94, 25 Aug 72 (33 ref.)
- Agol VI: Replikatsia virusnykh RN. *Usp Sovrem Biol* 72:315-36, Nov-Dec 71 (167 ref.) (Rus)
- Akiyoshi T see Toshima H
- Albert FI see Attila B
- Aleksandrov SN: O blastomogennom defektiv ioniziruiushcheg radiatsii. *Vopr Onkol* 18:108-17, 1972 (45 ref.) (Rus)
- Alexander DA: "Senile dementia": a changing perspective. *Br J Psychiatry* 121:207-14, Aug 72 (71 ref.)
- Alfimov NN, Novoshelev GN, Kmel'iansko MI: Teplovoe porazheniia u lichnogo sostava korabli v nizkikh shirotoakh (obzor literatury). *Voen Med Zh* 7:81-8, Jul 72 (19 ref.) (Rus)
- Allen A, Saary D: The structure and function of gastric mucus. *Gut* 13:666-72, Aug 72 (36 ref.)
- Alonso MR, Bailey BJ: Reconstruction of the mandible. *Otolaryngol Clin North Am* 5:501-11, Oct 72 (24 ref.)
- Alvord EC Jr see Harvey FH
- Ament ME: Malabsorption syndromes in infancy and childhood. *I J Pediatr* 81:685-97, Oct 72
- Amer MS: Cyclic AMP and gastric secretion. *Am J Dig Dis* 17:545-53, Oct 72 (103 ref.)
- Andersen O, Lindberg J, Modigh R, et al: Subacute dysautonomia with incomplete recovery. *Acta Neurol Scand* 48:510-9, 1972
- Andrassy K see Ritz E
- Ansell JE, Wheby MS: Pica: its relation to iron deficiency. A review of the recent literature. *Va Med Mon* 99:951-4, Sep 72 (17 ref.)
- Armaly MF: Glaucoma. *Arch Ophthalmol* 88:439-60, Oct 72 (233 ref.)
- Arshanian EB: Rol' dofamina v fiziologii i patologii bazal'nykh ganglii. *Zh Nevropatol Psikhiatr* 72:595-603, 1972 (181 ref.) (Rus)
- Arutunov AI, Meskhia NSH: Nekotorye aktualnye voprosy plastiki defektov tverdog mozgovog obolochki. *Vopr Neurokhir* 36:3-9, May-Jun 72 (34 ref.) (Rus)
- Attila B, Albert FI, László S, et al: A chronic gastritis. IV. Adapt a chronic gastritis pathológiaihoz. *Orv Hetil* 113:2511-7, 15 Oct 72 (33 ref.) (Hung)
- Austen KF see Orange RP
- Austen KF see Ruddy S
- Austran P see Vervloet D
- Avery GS see Speight TM
- Axelrod J: Neural and hormonal control of catecholamine synthesis. *Res Publ Assoc Res Nerv Ment Dis* 50:229-40, 1972 (29 ref.)
- Axtom JH: Intestinal intolerance to sugars in children. A review. *Cent Afr J Med* 18:118-21, Jun 72 (17 ref.)

### B

- Bader E: Odontogenic tumors. *Pathol Annu* 8:475-548, 1971 (534 ref.)
- Baer L see Kline NS
- Baggallini M: The enzymes of the granules of polymorphonuclear leukocytes and their functions. *Enzyme* 13:132-60, 1972 (150 ref.)
- Bagley CM Jr, Young RC, Canellos GP, et al: Treatment of ovarian carcinoma: possibilities for progress. *N Engl J Med* 287:884-88, 28 Oct 72 (53 ref.)
- Bailey BJ see Alonso MR
- Bailey RE: Urinary tract infection: some recent concepts. *Can Med Assoc J* 107:316-30, 19 Aug 72 (70 ref.)
- Baker GJ: Treatment of malignant neoplasia. Surgical management. *J Small Anim Pract* 13:373-9, Jul 72 (22 ref.)
- Baker TG: Gametogenesis.

- Acta Endocrinol [Suppl] (Kbh)* 186:18-41, 1972 (137 ref.)
- Baltes BJ see Diamond S
- Bantlow KE: Zur Röntgendiagnostik der Harntraktverletzungen. *Monatsschr Unfallheilkd* 75:350-8, Aug 72 (36 ref.) (Ger)
- Barraquer-Bordas L: El síndrome vestibular central. Bases anatomofuncionales y expresión semiológica. *Acta Otorinolaringol Iber Am* 23:349-56 passim, 1972 (51 ref.) (Spa)
- Batke W: Entgiftung bakterieller Endotoxine in vitro. 1. Literaturübersicht. *Arch Exp Veterinärmed* 26:115-33, 1972 (127 ref.) (Ger)
- Bauerfeld JC: Carotenoid vitamin A precursors and analogs in foods and feeds. *J Agric Food Chem* 20:456-72, May-Jun 72 (243 ref.)
- Baumann JU: Operative indications on the musculo-skeletal system in cerebral palsy. *Reconstr Surg Traumatol* 13:37-42, 1972 (10 ref.)
- Beall JR: Uterine lipid metabolism—a review of the literature. *Comp Biochem Physiol [B]* 42:175-95, 15 May 72
- Behnam R see Fridle RB
- Bemaceraf B see Katz DH
- Bennett JR: Smoking and the gastrointestinal tract. *Gut* 13:858-65, Aug 72 (77 ref.)
- Bennett MV: Electrical versus chemical neurotransmission. *Res Publ Assoc Res Nerv Ment Dis* 50:58-90, 1972 (82 ref.)
- Berardi RS: Carcinoid tumors of the colon (exclusive of the rectum): review of the literature. *Dis Colon Rectum* 15:383-91, Sep-Oct 72 (57 ref.)
- Berg PA, Doniach D: Autoimmune Hepatitis. *Klinische und immunopathologische Aspekte. Dtsch Med Wochenschr* 97:1468-73, 29 Sep 72 (69 ref.) (Ger)
- Bernard D see Vervloet D
- Bełejewski S: Aerodynamika oddychania przez nos. *Otolaryngol Pol* 26:475-9, 1972 (10 ref.) (Pol)
- Bettex R: Erbbrechen im Säuglingsalter. Dargestellt aus der Sicht des Kinderchirurgen. *Monatsschr Kinderheilkd* 120:279-82, Jul 72 (4 ref.) (Ger)
- Bing RJ: Reparative processes in heart muscle following myocardial infarction. *Cardiology* 56:314-24, 1971 (20 ref.)
- Black LF: The pleural space and pleural fluid. *Mayo Clin Proc* 47:493-506, Jul 72 (78 ref.)
- Blaschko H: Monoamine oxidase—new vistas. Introduction and historical background. *Adv Biochem Psychopharmacol* 5:1-10, 1972 (57 ref.)
- Boczkowski K: Nieprawidłowa determinacja i różnicowanie pici. *Pol Tyg Lek* 27:1138-40, 17 Jul 72 (16 ref.) (Pol)
- Bradie I, Baum R, Schüssle U, et al: Karzinome im Kindesalter. *Brunsch Beitr Klin Chir* 219:393-407, 1972 (56 ref.) (Ger)
- Brain FF: Mammalian behavior and the adrenal cortex. A review. *Behav Biol* 7:453-77, Aug 72 (165 ref.)
- Brandowska M see Uralski I
- Breckenridge BM: Cyclic AMP and neurotransmitters. *Res Publ Assoc Res Nerv Ment Dis* 50:216-28, 1972 (69 ref.)
- Brackwold M: Die Behandlung der weiblichen Sterilität mit Gonadotropinen. *Med Klin* 67:873-9, 23 Jun 72 (27 ref.) (Ger)
- Breidahl HD, Ennis GC, Martin FI, et al: Insulin and oral hypoglycaemic agents. II. Clinical and therapeutic aspects. *Drugs* 3:204-26, 1972 (41 ref.)
- Brennan MF see Moore FD
- Brown AW: The ecological implications of insecticide usage in malaria programs. *Am J Trop Med Hyg* 21:329-34, Sep 72 (16 ref.)
- Brown RE: Normal and pathological conditions which may alter the human requirement for vitamin B6. *J Agric Food Chem* 20:496-505, May-Jun 72 (63 ref.)
- Bruza J, Věšín S: Význam lymfografie pro vnitřní lékařství. (Přehledný referát). *Vnitř Lek* 18:861-6, Sep 72 (36 ref.) (Cze)
- Buchanan WW, Dick WC: Rheumatoid

- arthritis—current thoughts on aetiology and pathogenesis. *Med Lab Technol* 29:109-19, Apr 72 (78 ref.)
- Bujar H: Actualități în diagnosticul limfografic al metastazelor ganglionare. *Stud Cercet Med Interna* 13:145-58, 1972 (26 ref.) (Rom)
- Buncke HJ Jr: Digital nerve repairs. *Surg Clin North Am* 52:1267-85, Oct 72 (60 ref.)
- Buntain WL, Lynn HS, Cloutier MD, et al: Management of the pediatric surgical patient. *Mayo Clin Proc* 47:654-80, Sep 72 (61 ref.)
- Burgey LA see Chalmers AH
- Burns CP see Stjeraholm RL
- Bush BM: A review of the treatment of canine renal disease. *Vet Rec* 90:668-78, 10 Jun 72 (117 ref.)
- Butcher GA see Cohen S

### C

- Caillé G, Sauriol C, Albert JM, et al: Métabolisme des antidépresseurs tricycliques. *Rev Can Biol* 31:Suppl:59-71, 1972 (23 ref.) (Fre)
- Calderwood HW: Anesthesia for reptiles. *J Am Vet Med Assoc* 159:1618-25, 1 Dec 71 (30 ref.)
- Cassani Z: Side-effects of oral antidiabetic drugs. *Harefuah* 82:334-6, Apr 72 (17 ref.) (Heb)
- Canellos GP see Bagley CM Jr
- Canham GW, Lever AB: Bioinorganic chemistry. Simple models of iron sites in some biological systems. *J Chem Educ* 49:656-60, Oct 72 (85 ref.)
- Cappel R, Klasterky J: Viral infections in patients with malignant diseases. *Eur J Cancer* 8:175-8, Apr 72 (41 ref.)
- Caputi AP see Marino E
- Chalmers AH, Burgey LA, Murray AW: Antineoplastic and immunosuppressive drugs. I. Biochemical and clinical pharmacological considerations. *Drugs* 3:227-53, 1972 (132 ref.)
- Chapman HC, Petersen JJ, Fukuda T: Predators and pathogens for mosquito control. *Am J Trop Med Hyg* 21:777-81, Sep 72 (29 ref.)
- Chapman JB: A review of early events in tubercle formation. *Acta Pathol Microbiol Scand [A]* 233:189-94, 1972 (34 ref.)
- Chase TN: Drug-induced extrapyramidal disorders. *Res Publ Assoc Res Nerv Ment Dis* 50:448-71, 1972 (138 ref.)
- Chernokhvostova EV: Biologicheskie osobennosti antitel, primadiazhashchikh k raznym klasam immunoglobulinov. *Usp Sovrem Biol* 72:444-57, May-Jun 72 (100 ref.) (Rus)
- Chernukha EA, Fefilov AI: Opredelenie zrelosti ploda po okolooplodnym vodam (obzor literatury). *Vopr Okhr Materin Det* 17:68-71, Jun 72 (48 ref.) (Rus)
- Chien C see Kasamatsu H
- Chistiakov GM: O roli nekotorykh biologicheskikh aktivnykh veshchestv v patogenese eksperimental'noy allergii i bronkhial'noy astmy (obzor literatury). *Vopr Okhr Materin Det* 17:34-7, Feb 72 (52 ref.) (Rus)
- Chranawaska-Srnednicka K, Clechanowska A: Niekorzystny wpływ niektórych czynników na stan oka w jaskrze pierwotnej. *Przegl Lek* 29:604-5, 1972 (25 ref.) (Pol)
- Clechanowska A see Chranawaska-Srnednicka K
- Clarke CA: Some immunological interactions between mother and foetus. *Postgrad Med J* 48:199-206, Apr 72 (36 ref.)
- Cloutier MD see Buntain WL
- Clyde DP: The problem of drug-resistant malaria. *Am J Trop Med Hyg* 21:736-45, Sep 72 (32 ref.)
- Clyman RC: LSD psychosis: a review of the literature and some proposals for future research. *RI Med J* 55:283-4, Sep 72 (18 ref.)
- Cohen M: Clinical dosimetry. *Mod Trends Radiother* 2:247-65, 1972 (56 ref.)
- Cohen S, Butcher GA: The immunologic response to plasmodium. *Am J Trop Med Hyg* 21:713-31, Sep 72 (55 ref.)
- Cole JO see Kasamatsu H

# MEDICAL REVIEWS

Colman RF: Regulation of enzymes by small molecules. *Ann NY Acad Sci* 193:3-13, 25 Aug 72 (22 ref.)  
 Cooper J, Reed JE: Tabulating research and technology. *J Pharm Sci* 61:1511-55, Oct 72 (527 ref.)  
 Cornish HH: Problems posed by observations of serum enzyme changes in toxicology. *CRC Crit Rev Toxicol* 1:1-32, Sep 71 (187 ref.)  
 Cowie V: Chromosomal abnormalities and mental disorders. *Postgrad Med J* 48:312-5, Apr 72 (26 ref.)  
 Cuatrecasas P: Affinity chromatography of macromolecules. *Adv Enzymol* 34:29-59, 1972 (167 ref.)  
 Cuss F see Kálculesen N  
 Currie AR see Kerr JF  
 Curtis SE: Air environment and animal performance. *J Anim Sci* 35:838-94, Sep 72 (67 ref.)  
 Czerwinski W: Wybór rodzaju zabiegu chirurgicznego w leczeniu białych wątroby. *Pol Przegl Chir* 44:1393-8, Aug 72 (18 ref.) (Pol)

## D

Dadák O see Rejthar L  
 Daum R see Bradic I  
 Davies MH: Social imitation—a neglected factor in psychotherapy? *Br J Psychiatry* 121:261-5, Sep 72 (22 ref.)  
 Davydova TV see Goncharova NV  
 Dawson WB: Reptiles as research models in comparative physiology. *J Am Vet Med Assoc* 159:1653-61, 1 Dec 71 (71 ref.)  
 De Arxa Z: Zlatka K: Los diverticulos del duodeno. *Rev Esp Enferm Apar Dig* 36:55-66, Jul 72 (76 ref.) (Spa)  
 De Cicco N see Vetralla M  
 Deely T: Computers in radiotherapy-clinical applications. *Mod Trends Radiother* 2:117-22, 1972 (7 ref.)  
 Delank HW: Gedächtnisstörungen nach Hirnverletzungen. *Monatsschr Unfallheilkd* 75:337-49, Aug 72 (16 ref.) (Ger)  
 Denton D: Instinct, appetites and medicine. *Aust NZ J Med* 2:203-12, May 72 (38 ref.)  
 Day FM, Fridman JG: Biochemistry of galactosidases. *Adv Enzymol* 34:131-190, 1972 (257 ref.)  
 Diamond S, Baltes BJ, Levine HW: A review of the pharmacology of drugs used in the therapy of migraine. *Headache* 12:37-43, Jul 72 (32 ref.)  
 Dick WC see Buchanan WW  
 Diekmann G, Loew F, Palleske H: Neurosurgical possibilities in the treatment of spastic paresis. *Reconstr Surg Traumatol* 13:2-17, 1972 (65 ref.)  
 Diesterich F, Gottschalk K, Elshah K, et al: Kryochirurgie. 2. Vor- und Nachteile verschiedener Applikationsformen der Kryochirurgie. *Z Aerzt Fortbild (Jena)* 65:948-9, 15 Sep 71 (12 ref.) (Ger)  
 Doe WF: The secretory immune system of the intestine. *Gut* 13:572-5, Jul 72 (48 ref.)  
 Doerr W: Pathologie der Koronargefäße. *Wien Klin Wochenschr* 84:513-7, 18 Aug 72 (37 ref.) (Ger)  
 Domlach D: Autoimmune aspects of liver disease. *Br Med Bull* 28:145-8, May 72 (36 ref.)  
 Domlach D see Berg PA  
 Dorfman RF: Biology of malignant neoplasia of the lymphoreticular tissues. *J Reticuloendothel Soc* 12:338-56, Sep 72  
 Dornhanski BI see Staudt AA  
 Drewiak K see Imielinski LB  
 Drodziński M: Wydalanie mukopolisacharydów w moczu w warunkach prawidłowych i stanach patologicznych. *Wiad Lek* 25:1445-9, 15 Aug 72 (36 ref.) (Pol)  
 Dulmis NF: Philosophische und soziologische Aspekte der Humangenetik. *Z Aerzt Fortbild (Jena)* 66:437-43, 1 May 73 (Ger)  
 Ducker TB: Metabolic factors in surgery of peripheral nerves. *Surg Clin North Am* 52:1106-22, Oct 72 (40 ref.)  
 Dutz W, Kohout E: Anthrax. *Pathol Annu* 6:209-48, 1971 (89 ref.)

## E

Eckstein P: Recent research on the mode of action of intra-uterine devices in primates. *Acta Endocrinol [Suppl] (Kbh)* 166:364-80, 1972 (57 ref.)  
 Efimov EA: O polnote regeneratsii koshki u mlekopitalushchikh. *Usp Sovrem Biol* 72:431-43, Nov-Dec 71 (33 ref.) (Rus)  
 Ehrlich AN see Sherlock P  
 Elliott E: The influence of vector behavior on malaria transmission. *Am J Trop Med Hyg* 21:755-63, Sep 72 (29 ref.)  
 Ellis FH Jr: Esophageal hiatal hernia. *N Engl J Med* 287:646-9, 28 Sep 72 (37 ref.)  
 Elshah K see Diesterich F  
 Emel'yanenko MI see Alifimov NN  
 Emmerich E: Leber und Eiweißstoffwechsel. *Z Gesamte Inn Med* 27:368-74, 1 May 72 (34 ref.) (Ger)  
 Ennis GC see Bredahl HD  
 Esman V: The diabetic leukocyte. *Enzyme* 13:32-38, 1972 (120 ref.)  
 Evans AE see Kirschner RH  
 Evans RJ: Actions of radiations on human chromosomes. *Phys Med Biol* 17:1-13, Jan 72 (22 ref.)  
 Extol JH: Glucosaminoglycans. *Metabolism* 21:945-60, Oct 72 (183 ref.)  
 Espechuk IV: Protivnyye antygeny nekotorykh patogennykh mikroorganizmov (obzor). *Zh Mikrobiol Epidemiol Immunobiol* 49:115-20, Jun 72 (50 ref.) (Rus)

## F

Fausa O: Behandling av Crohns sykdom og følgerne av tarmreseksjon. *Tidsskr Nor Lægeforen* 92:1377-80, 10 Aug 72 (6 ref.) (Nor)

Fechner RE: The surgical pathology of the reproductive system and breast during oral contraceptive therapy. *Pathol Annu* 6:299-319, 1971 (143 ref.)  
 Fedilov AI see Cherkashka EA  
 Feinberg BJ see Zwetman B  
 Ferrans VJ, Roberts WC: Myocardial ultrastructure in acute and chronic hypoxia. *Cardiology* 56:144-60, 1971 (87 ref.)  
 Ferrer Serrate F: Los datos clínicos a través de los ordenadores electrónicos. *Rev Med Univ Navarra* 16:1-47, Mar 72 (174 ref.) (Spa)  
 Ferriman D, Henneberry TM, Tassopoulos CN: True thyroid adenoma. *Q J Med* 41:127-36, Apr 72 (36 ref.)  
 Ferris AA: Antigen in infectious hepatitis. *Br Med Bull* 28:131-3, May 72 (9 ref.)  
 Feuerstein W: Chronischer Alkoholismus. *Entstehungsbedingungen—Therapie. Nervenarzt* 43:358-96, Aug 72 (11 ref.) (Ger)  
 Fields RW, Savara SO, Tacks R: Regional electroanalgesia and its potentialities in control of orofacial pain. *Oral Surg* 34:694-703, Oct 72 (51 ref.)  
 Fischer JA: Knochenstoffwechselstörungen. *Pathogenese und Diagnose. Z Orthop* 110:280-92, Jun 72 (38 ref.) (Ger)  
 Fisher JW: Erythropoietin: pharmacology, biogenesis and control of production. *Pharmacol Rev* 24:459-506, Sep 72 (452 ref.)  
 Flück DC: Catecholamines. *Br Heart J* 34:369-73, Sep 72 (53 ref.)  
 Fodor O, Popescu S: Actualitati în patologia tubului digestiv. *Med Interna (Bucur)* 24:771-84, Jul 72 (49 ref.) (Rum)  
 Fog T: Traek af moderne skleroseforskning. *Ugeskr Laeger* 134:585-71, 24 Apr 72 (34 ref.) (Dan)  
 Polyn H, Korson M: Zastosowanie kwasów o średnich łańcuchach węglowych (MCT) w leczeniu dietycznym niektórych zaburzeń czynności układu pokarmowego. *Pol Tyg Lek* 27:1307-10, 31 Jul 72 (30 ref.) (Pol)  
 Fowler B: Some comments on "a behavioral approach to nitrogen narcosis". *Psychol Bull* 78:234-40, Sep 72 (31 ref.)  
 Fraake M: Therapie der degenerativen Gelenkerkrankungen. *Med Klin* 67:1093-11, Aug 72 (13 ref.) (Ger)  
 Franklin EC, Zucker-Franklin D: Current concepts of amyloid. *Adv Immunol* 15:349-304, 1972  
 Freeman RK, Kreitzer MB: Current concepts in antepartum and intrapartum fetal evaluation. *Curr Probl Pediatr* 2:1-29, Jul 72 (56 ref.)  
 Fujita Y see Miyake K  
 Fukuda T see Chapman HC  
 Fulton JD: Summary of recent abstracts. VII. Rickettsial diseases. *Trop Dis Bull* 69:705-11, Aug 72

## G

Gale GO see Kleer JS  
 Galloups S: Verrucous carcinoma. Report of three vulvar cases and review of the literature. *Obstet Gynecol* 40:568-7, Oct 72 (15 ref.)  
 Gardner D see Kandel KB  
 Gasser DL, Silvers WK: Genetics and immunology of sex-linked antigens. *Adv Immunol* 15:215-47, 1972  
 Geffin B see Fontoppana H  
 Gelfant S, Smith JG Jr: Aging: noncycling cells an explanation. *Science* 175:357-61, 27 Oct 72 (48 ref.)  
 Gerdson IZ, Markashin SG, Ginsburg VP: Sovremennyye predstavleniya o strukture viriona virusa grippa. *Usp Sovrem Biol* 73:394-409, May-Jun 72 (87 ref.) (Rus)  
 Germann J: Response uncertainty and autonomic-behavioral integration. *Ann NY Acad Sci* 193:185-8, 25 Aug 72 (6 ref.)  
 Gets G8 see Kirschner RH  
 Giesbach G: Coupled ion and fluid transport in the kidney. *N Engl J Med* 287:913-9, 2 Nov 72 (16 ref.)  
 Gilg I see Kuddy S  
 Gill W, Long WB: Shock. *J R Coll Surg Edinb* 17:304-14, Sep 72 (89 ref.)  
 Ginsburg I: Mechanisms of cell and tissue injury induced by group A streptococci: relation to poststreptococcal sequelae. *J Infect Dis* 126:294-340, Sep 72 (368 ref.)  
 Ginsburg V: Enzymatic basis for blood groups in man. *Adv Enzymol* 36:131-49, 1972 (62 ref.)  
 Ginsburg VP see Gerdson IZ  
 Gjone E: Behandlung av ulcersi colitti. *Tidsskr Nor Lægeforen* 92:1375-7, 10 Aug 72 (5 ref.) (Nor)  
 Glicksman AS see Nickson JJ  
 Goebel H see Morgenthaun C  
 Goldfarb AR: Ragweed pollen: a review. *J Asthma Res* 9:139-52, Mar 72 (73 ref.)  
 Goldshteyn JW, Kraemer DC: The metabolism and effects of contraceptive steroids in primates. *Acta Endocrinol [Suppl] (Kbh)* 166:389-421, 1972 (115 ref.)  
 Golitsenkov IA: Regulatsiya melanoforov amfibii. *Usp Sovrem Biol* 73:410-26, May-Jun 72 (151 ref.) (Rus)  
 Golovira GV, Rakhimova ME: Soslojnie formennykh elementov krovi pri ostrykh i khronicheskikh krovopoterakh (obzor otechestvennoy i zarubezhnoy literatury). *Vestn Khir* 106:136-41, Apr 72 (Rus)  
 Goncharova NV, Davydova TV: Sravnitel'naya kharakteristika osnovnykh korykovykh zon perednego mozga reptilii. *Usp Sovrem Biol* 72:444-62, Nov-Dec 71 (109 ref.) (Rus)  
 Good RA: On the threshold of biologic engineering. *Am J Med Technol* 38:153-62, May 72 (52 ref.)  
 Goode RL: Bone and cartilage grafts: current concepts. *Otolaryngol Clin North Am* 5:447-55, Oct 72 (17 ref.)  
 Gordon E: Intrakraniella tryckförändringar under parkos. *Läkartidningen* 69:3641-5, 2 Aug 72 (52 ref.) (Swe)  
 Gorikis C see Neff MH  
 Gottschalk LA, Schwartz RH: Review. Antigen-RNA interactions. *Cell Immunol* 5:341-62, Oct 72 (97 ref.)  
 Gottschalk E see Diesterich F

Gottschalk LA: Psychoactive drugs in outpatient therapy. *Psychiatry Med* 2:116-25, Apr 71 (47 ref.)  
 Gower DR: 16-Unsaturated C 19 steroids. A review of their chemistry, biochemistry and possible physiological role. *J Steroid Biochem* 3:45-103, Jan 72 (159 ref.)  
 Grahame E: The endocrines and arthritis. *Rheumatol Phys Med* 11:325-33, Aug 72 (53 ref.)  
 Grampe G: Radiation injury with particular reference to thorotrast. *Pathol Annu* 6:147-69, 1971 (199 ref.)  
 Green M, Baskas RJ: Molecular hybridization: a powerful approach to the detection of viral nucleic acid sequences in human cancer. *J Natl Cancer Inst* 48:1559-65, Jun 72 (27 ref.)  
 Green WL see Samelson RL  
 Greenbaum LM: Leukocyte kinasinases and leukokinins from normal and malignant cells. *Am J Pathol* 68:613-24, Sep 72 (27 ref.)  
 Greene D: Fast neutron therapy. *Mod Trends Radiother* 2:230-46, 1972 (36 ref.)  
 Gritz KB see Jarvik ME  
 Groesch H, Ulrich G: Zur Pathophysiologie der Mitbewegungen und Kontraktionen im Gefolge peripherer Fazialislähmungen. (Eine Literaturübersicht nebst Deutungsversuchen auf der Grundlage des Regelungsprinzips. *Fortschr Neurol Psychiatr* 40:339-69, Jul 72 (128 ref.) (Ger)  
 Grossman LJ: Sterilization of infected root canals. *J Am Dent Assoc* 85:900-5, Oct 72 (35 ref.)  
 Gurnina II: Vliyanie polielektrolitov na reproduktivnu virusov. *Vopr Virusol* 17:259-66, May-Jun 72 (144 ref.) (Rus)  
 Gusakov Ch5 see Rakhimova VA

## H

Habib R, Kleinkecht C: The primary nephrotic syndrome of childhood. Classification and clinicopathologic study of 406 cases. *Pathol Annu* 6:417-74, 1971 (77 ref.)  
 Hales CN: The role of insulin in the regulation of glucose metabolism. *Proc Nutr Soc* 30:252-8, Dec 71 (22 ref.)  
 Han TF: The influence of plants on anopheline breeding. *Am J Trop Med Hyg* 21:787-94, Sep 72  
 Hamington E: Migraine. *Trans Med Soc Lond* 87:32-9, 1971 (18 ref.)  
 Harvey FH, Alford EC Jr: Juvenile cerebral arteriosclerosis and other cerebral arteriopathies of childhood—six autopsied cases. *Acta Neurol Scand* 48:479-509, 1972 (106 ref.)  
 Hastori T see Nakazawa S  
 Hayaishi K see Hombro Z  
 Haydu GG: Cerebral organization and the integration of experience. *Ann NY Acad Sci* 193:217-32, 25 Aug 72 (73 ref.)  
 Heffner LL see Mitchell JH  
 Heggqvist HA: Morphological alterations in the ischemic heart. *Cardiology* 56:234-50, 1971 (34 ref.)  
 Hemingway EG: Minerals in the nutrition of hill cattle and sheep. *Proc Nutr Soc* 30:221-9, Dec 71 (46 ref.)  
 Hendrickx AG: Early development of the embryo in non-human primates and man. *Acta Endocrinol [Suppl] (Kbh)* 166:103-30, 1972 (80 ref.)  
 Henneberry TM see Ferriman D  
 Herblinger W: Die temporäre, transvenöse-intrakardiale Elektrostimulation des Herzens. *Dtsch Med Wochenschr* 97:1466-8, 29 Sep 72 (16 ref.) (Ger)  
 Herrlin KM: Anti-epileptika. 8. Petit mal hos barn. *Läkartidningen* 68:Suppl 3:91-7, 18 Oct 71 (41 ref.) (Swe)  
 Hertzberg J: Behandling av divertikulose og divertikulit. *Tidsskr Nor Lægeforen* 92:1381-2, 10 Aug 72 (6 ref.) (Nor)  
 Hess EH: The natural history of imprinting. *Ann NY Acad Sci* 193:124-36, 25 Aug 72 (22 ref.)  
 Hill OW: Child bereavement and adult psychiatric disturbance. *J Psychosom Res* 16:357-60, Aug 72 (20 ref.)  
 Hirota Y, Moroh J, Scheffler J, et al: Genetic approach to DNA replication and its control in *Escherichia coli*. *Fed Proc* 31:1422-7, Sep-Oct 72 (69 ref.)  
 Hohnadel JH see Stjernholm RL  
 Holt GP see Leonard JR  
 Holt SB: Dermatoglyphics in medicine. *CRC Crit Rev Clin Lab Sci* 3:227-55, Jun 72 (115 ref.)  
 Holthausen W: Erbrechen im Säuglingsalter. Dargestellt aus kinderradiologischer Sicht. *Monatsschr Kinderheilkd* 126:274-8, Jul 72 (12 ref.) (Ger)  
 Hombro Z, Kineshita Y, Hayaishi K, et al: [characteristics of radiograms of cardiomyopathy—with special reference to the angiocardiographic findings of idiopathic cardiomyopathy]. *Jap J Clin Radiol* 17:159-74, Mar 72 (25 ref.) (Jap)  
 Hoenigsmann F: Quality in general practice. A commentary on the quality of care provided by general practitioners. *J R Coll Gen Pract* 22:429-51, Jul 72 (137 ref.)  
 Hopkinson DA: The genetics of metabolic disorders. *Postgrad Med J* 48:207-11, Apr 72 (30 ref.)  
 Horvathkiewicz O: Dopamine and extrapyramidal motor function and dysfunction. *Res Publ Assoc Res Nerv Ment Dis* 50:390-415, 1972 (94 ref.)  
 Hala DY: Utilization of leukocytes for the study of inborn errors of metabolism. *Enzyme* 13:161-8, 1972 (36 ref.)  
 Hubbard JH: The quality of nerve regeneration. Factors independent of the most skillful repair. *Surg Clin North Am* 52:1099-106, Oct 72 (48 ref.)  
 Hummel E: Über die Wirkungsweise des Anti-D bei der Prophylaxe gegen die Anti-Rh-Sensibilisierung. *Blut* 25:207-13, Sep 72 (30 ref.) (Ger)



# MEDICAL REVIEWS

## I

- Iakovlev AI: Modelirovanie gumoral'noy regulatsii kletchnoy proliferatsii v tkaniakh vroslykh zhivotnykh. *Tsitologia* 14:985-98, Jun 72 (82 ref.) (Rus)
- Ichikawa S: [Slow waves of smooth muscle of the gastrointestinal tract] *Jap J Smooth Muscle Res* 8:16-31, Mar 72 (89 ref.) (Jap)
- Ichikawa S see Takagi M
- Igarashi M: [Interpretation of arrhythmia] *Jap J Clin Med* 30:1744-55, Aug 72 (43 ref.) (Jap)
- Illis LS, Merry RT: Treatment of herpes simplex encephalitis. *J R Coll Physicians Lond* 7:34-44, Oct 72 (43 ref.)
- Imielski LM, Kopyński S, Drewiak K, et al: Przedwczesne narodzenie zrwow czaskowych (zespół scieżeniowa czaski). *Pediatr Pol* 47:1042-7, Aug 72 (19 ref.) (Pol)
- Irki M: [Thermosensitive structure in spinal cord. I] *J Physiol Soc Jap* 34:199-208, Apr 72 (45 ref.)
- Ito Y see Ueda Y
- Ivanov VE see Panchenkov RT
- Iwa T, Todo K, Misaki T, et al: [Surgical treatment of Wolff-Parkinson-White syndrome] *Jap J Clin Med* 30:1779-89, Aug 72 (51 ref.) (Jap)
- Inagawa I: Hippocampal physiology: experiments on regulation of its electrical activity, on the mechanism of seizures, and on a hypothesis of learning. *Behav Biol* 7:669-96, Oct 72 (151 ref.)

## J

- Jacobs AA see Sbarra AJ
- Jäger L: Fortschritte der symptomatischen Therapie des Asthma bronchiale. *Z Erkr Atmungsorgane* 136:231-45, Apr 72 (104 ref.) (Ger)
- Jäger L, Wenz W: Reagin und Immunglobulin E (IgE). *Allerg Immunol (Leipz)* 17:265-90, 1971 (94 ref.) (Ger)
- James AE, Wagner HN: Nuclear medicine. Detection of occult metastases and diagnostic role in management of patients with cancer. *Mod Trends Radiother* 2:189-219, 1972 (90 ref.)
- Janoff A: Human granulocyte elastase. Further delineation of its role in connective tissue damage. *Am J Pathol* 68:579-92, Sep 72 (23 ref.)
- Jarvik ME, Gritz ER, Schneider NG: Drugs and memory disorders in human aging. *Behav Biol* 7:643-68, Oct 72 (78 ref.)
- Jenkins RD: Blood pressure as a factor in radiotherapy. *Mod Trends Radiother* 2:157-64, 1972 (8 ref.)
- Jenkner F: Grundriss der Überlegungen zu Diagnose und Therapie bei geschlossenen Schädel-Hirn-Traumen. *Wien Klin Wochenschr* 84:537-43, 1 Sep 72 (14 ref.) (Ger)
- Judkiewicz L, Pawlowski J: Podstawy leczenia trombotycznego. *Pol Tyg Lek* 27:1011-3, 26 Jun 72 (37 ref.) (Pol)
- Judkiewicz L, Polkowska-Kaluszka E, Franka-Koeppe H: Znaczenie próbnej laparotomii i splenektomii dla klasyfikacji i wyboru metody leczenia szlarnicy szladowej. *Pol Tyg Lek* 27:1490-2, 18 Sep 72 (30 ref.) (Pol)

## K

- Kaeser HE: Elektro-neurographie oder Messung der Leitungsgeschwindigkeit peripherer Nerven. *Nervenarzt* 43:445-50, Sep 72 (14 ref.) (Ger)
- Kaess H: Fortschritte der Gastrinforschung. *Leber Magen Darm* 2:115-8, Jun 72 (29 ref.) (Ger)
- Kandel ER, Gardner D: The synaptic actions mediated by the different branches of a single neuron. *Res Publ Assoc Res Nerv Ment Dis* 50:91-146, 1972 (81 ref.)
- Kato K see Koshimizu T
- Katz DH, Benacerraf B: The regulatory influence of activated T cells on B cell responses to antigen. *Adv Immunol* 15:1-94, 1972 (353 ref.)
- Kazamatzuri H, Chien C, Cole JO: Therapeutic approaches to tardive dyskinesia. A review of the literature. *Arch Gen Psychiatry* 27:491-9, Oct 72 (191 ref.)
- Kelley WN, Wyngaarden JB: Drug treatment of gout. *Semin Drug Treat* 1:119-47, Sep 71 (374 ref.)
- Kelly DP see Tuovinen OH
- Kemp GA see Kiser JS
- Kerr JF, Wyllie AH, Currie AR: Apoptosis: a basic biological phenomenon with wide-ranging implications in tissue kinetics. *Br J Cancer* 26:239-57, Aug 72 (68 ref.)
- Kety SS: The possible role of the adrenergic systems of the cortex in learning. *Res Publ Assoc Res Nerv Ment Dis* 50:376-89, 1972 (54 ref.)
- Khan SU: Adsorption of pesticide by humic substances. A review. *Environ Lett* 3:1-12, 1972 (24 ref.)
- Kik A: Metody frakcjonowania promieni X w leczeniu nowotworów skóry. *Przegl Dermatol* 58:371-5, Jul-Aug 72 (37 ref.) (Pol)
- Kimura E, Mabuchi G: [Evaluation of drug effects by exercise electrocardiograms] *Jap J Clin Med* 30:1733-45, Aug 72 (25 ref.) (Jap)
- Kinoshita Y see Hombö Z
- Kirschbaum DM: Molar absorptivity and A-1 per cent-cm values for proteins at selected wavelengths of the ultraviolet and visible region. VI. *Int J Protein Res* 4:135-49, 1972 (145 ref.)
- Kirschner RH, Getz GS, Evans AE: Leukocyte mitochondria: function and biogenesis. *Enzyme* 13:56-76, 1972 (73 ref.)
- Kiser JS, Gale GO, Kemp GA: Antibiotics as feedstuff additives: the risk-benefit equation for man. *CRC Crit Rev Toxicol* 1:55-92, Sep 71 (83 ref.)
- Kitsmiller JB: Genetic control of mosquitoes. *Am J Trop Med Hyg* 21:764-71, Sep 72 (21 ref.)
- Klastersky see Cappellet R
- Klein L: Etude critique des théories pathogéniques de

- la carie dentaire. 2. *Acta Stomatol Belg* 69:131-205, 1972 (Fr)
- Kleinkecht C see Nabis R
- Kline NS, Baer L: Psychotropic drugs. *NY State J Med* 72:1170-4, 1 Sep 72 (43 ref.)
- Klontek F: Některé novější pohledy na léčbu retinoblastomu. Referát. *Cesk Oftalmol* 28:300-30, Sep 72 (71 ref.) (Cse)
- Kohout E see Datz W
- Koj A: Alfa-1-antitrypsina surowicy krwi: własności biochemiczne, wrodzone niedobory i funkcje biologiczne. *Przegl Lek* 29:699-705, 1972 (76 ref.) (Pol)
- Kollár J: Novšie poznatky o pôvode vzniku myokardiopatii. *Vnitř Lek* 18:983-74, Sep 72 (88 ref.) (Slo)
- Kollár J: Ultrastruktúra ardeovéhovalu alkoholického ardu. Sborný referát. *Vnitř Lek* 18:955-63, Sep 72 (56 ref.) (Slo)
- Kolvin E: Late onset psychosis. *Br Med J* 3:316-7, 30 Sep 72 (47 ref.)
- Kopyński S see Imielski LM
- Koplin LJ: Aminoergic neurons and substitute transmitters in brain. *Res Publ Assoc Res Nerv Ment Dis* 50:207-15, 1972 (34 ref.)
- Korson M see Foltyn H
- Koshikawa S see Nakagawa S
- Koshimizu T, Kato K: [Short stature and genes] *Clin Endocrinol (Tokyo)* 20:261-9, Apr 72 (45 ref.)
- Koyama H: [Effect of 5-bromodeoxyuridine on gene expression in mammalian cells] *Protein Nucleic Acid Enzyme (Tokyo)* 17:461-9, Jun 72 (68 ref.) (Jap)
- Kraemer DC see Goldschlager JW
- Kraspel G: Der Atmungsdefekt bei Hefezellen: eine kritische Betrachtung seiner Ursachen. II. Der "RD-Zustand" (petite-Mutation) und verwandte Defekte. *Z Allg Mikrobiol* 12:335-66, 1972 (293 ref.) (Ger)
- Kretzer MS see Freeman RK
- Kremplein B see Rits E
- Kruglov BV see Tabolin VA
- Krupp T: The operative treatment of pressure sores in paraplegics. *Reconstr Surg Traumatol* 13:159-62, 1972 (39 ref.)
- Krygier T: Następstwa kliniczne resekcji jelita cienkiego. *Pol Tyg Lek* 27:1097-9, 10 Jul 72 (12 ref.) (Pol)
- Kuchars E see Drodziński M
- Kuramoto K, Matsushita S: [Classification and interpretation of WPW syndrome] *Bull Jpn Soc Clin Med* 30:1770-9, Aug 72 (31 ref.) (Jap)
- Kuriland LT: An appraisal of the neurotoxicity of cycad and the etiology of amyotrophic lateral sclerosis on Guam. *Fed Proc* 31:1540-2, Sep-Oct 72 (36 ref.)

## L

- Laisson R: V. Leishmaniasis. *Epidemiology: transmission. Trop Dis Bull* 69:449-78, Jun 72
- Langer GA: Effects of digitalis on myocardial ionic exchange. *Circulation* 46:180-7, Jul 72 (42 ref.)
- László S see Attila B
- Laurin CA see Saidi K
- Lauweryns JM: The blood and lymphatic microcirculation of the lung. *Pathol Annu* 6:345-415, 1971 (95 ref.)
- Lawrence T: A review of some effects on health and performance of variations in the physical form of the diet of the growing pig. I. Cereal processing. *Vet Rec* 91:67-70, 15 Jul 72 (36 ref.)
- László S: Role of membranelar icosomale in activities metabolice specific a ficatului. *Stud Cercet Med Intern* 13:109-16, 1972 (33 ref.) (Rum)
- Leat WM: Digestion and metabolism of carbohydrates in the foetal and neonatal ruminant. *Proc Nutr Soc* 30:236-43, Dec 71 (47 ref.)
- Lebedev VP see Tabolin VA
- Leeper RW: The structure and functional unity of psychological processes. *Ann NY Acad Sci* 193:300-16, 25 Aug 72 (46 ref.)
- Lehner T: Cell-mediated immune responses in oral disease: a review. *J Oral Pathol* 1:59-66, 1972 (73 ref.)
- Leites SM: Patogenes narusheni obmena lipidov u bol'nykh sakharnym diabetom. *Ter Arkh* 44:16-22, May 72 (39 ref.) (Rus)
- Leung CK, Siang SC: Review of haematoma and melanoma in Thomson Road General Hospital, with special reference to peptic ulcer. *Singapore Med J* 13:135-40, Jun 72
- Lengert J von see Wettstein H
- Leona CA: Psychiatry in Latin America. *Br J Psychiatry* 121:131-36, Aug 72
- Leonard JR, Holt GP: Reconstruction of the hypopharynx and cervical esophagus. *Otolaryngol Clin North Am* 5:435-44, Oct 72 (23 ref.)
- Lever AB see Canham GW
- Levine HW see Diamond S
- Levinson E: Retention over time in relation to arousal during learning: an explanation of discrepant results. *Acta Psychol (Amst)* 36:290-331, Sep 72 (51 ref.)
- Levshina VP: K genesu raka molochnoy shlezey u zhenshechin (epidemiologicheskie i klinicheskie dannye). *Vopr Onkol* 18:97-108, 1972 (121 ref.) (Rus)
- Lewis MG: Host factors in human malignant melanoma. *Pathol Annu* 6:171-95, 1971 (96 ref.)
- Lidner AN see Panchenkov RT
- Lidner AN: O membranoloprom faktore vyvrotki krovi bol'nykh shizofreniei (obzor literatury). *Zh Nevropatol Psikhiatr* 72:604-12, 1972 (63 ref.) (Rus)
- Liljelab EC see Ruis JO
- Lindberg J see Andersen O
- Lindsay DB: Changes in the pattern of glucose metabolism in growth, pregnancy and lactation in ruminants. *Proc Nutr Soc* 30:272-3, Dec 71 (43 ref.)
- Liseman JM: Mechanism of secretion of the aqueous phase of milk. *J Dairy Sci* 55:1316-22, Sep 72 (43 ref.)
- Lochner W see Morgenstern C

- Loew F see Dieckmann G
- Long WB see Gill W
- Lovastatin E see Postoppidan H
- Löbke F: Sterilität der Frau. Ätiologie und Diagnostik. *Med Klin* 67:367-73, 23 Jun 72 (48 ref.) (Ger)
- Ladwig BJ, Potterfield JR: The pharmacology of propanediol carbamates. *Adv Pharmacol Chemother* 9:173-340, 1971 (305 ref.)
- Ladwig H: Thromboembolische Erkrankungen in der Schwangerschaft und unter der Geburt. *Z Geburtshilfe Perinatol* 176:169-83, Jun 72 (47 ref.) (Ger)
- Lamden WH: Summary of recent abstracts. IV. Trypanosomiasis. *Trop Dis Bull* 69:352-67, May 72
- Läscher EF see Pfaffler SL
- Lynch GP: Mycotoxins in feedstuffs and their effect on dairy cattle. *J Dairy Sci* 55:1243-55, Sep 72 (131 ref.)
- Lynn HB see Bantala WL

## M

- Mabuchi G see Kimura E
- McAllister WH see Shackelford GD
- MacCallum FO: Early studies of viral hepatitis. *Br Med Bull* 28:105-8, May 72
- Macdonald I: Effects of dietary carbohydrate on lipid metabolism in primates. *Proc Nutr Soc* 30:277-82, Dec 71 (34 ref.)
- McGaugh JL: The search for the memory trace. *Ann NY Acad Sci* 193:113-23, 25 Aug 72 (21 ref.)
- McGovern VJ: Shock. *Pathol Annu* 6:279-96, 1971 (57 ref.)
- McKay DG: Intravascular coagulation—acute and chronic—disseminated and local. *Proc Inst Med Chic* 29:158-71, Sep 72 (29 ref.)
- Maclean JG: Cerebral evolution and emotional processes: new findings on the striatal complex. *Ann NY Acad Sci* 193:137-49, 25 Aug 72 (30 ref.)
- McMichael HB: Intestinal absorption of carbohydrates in man. *Proc Nutr Soc* 30:245-54, Dec 71 (38 ref.)
- Malkiewicz-Wasowicz B see Szmal J
- Manikowska-Lesinska W: Skuteczność leczenia kily pencyliny w świetle nowych badań dowiadczalnych. *Przegl Dermatol* 59:553-6, Jul-Aug 72 (52 ref.) (Pol)
- Mansford KR: Problems in carbohydrate absorption and metabolism. *Proc Nutr Soc* 30:230-6, Dec 71 (53 ref.)
- Markiewicz K: Dieta w ostrej niewydolności nerek. *Wiad Lek* 25:1355-8, 1 Aug 72 (19 ref.) (Pol)
- Markushin SG see Genden IuZ
- Marmion BP, Tozaki RW: Control of hepatitis in dialysis units. *Br Med Bull* 28:169-79, May 72 (55 ref.)
- Marras E, Caputi AF, Salmi KK: Rassegna bibliografica e contributo sperimentale sul KO 592 farmaco ad attività adrenolitica. I. *Clin Ter* 62:117-63, 19 Jul 72 (406 ref.) (Ita)
- Martin FI see Bredt HD
- Masseyeff R: Human alpha-feto-protein. *Pathol Biol (Paris)* 20:703-25, Sep 72 (168 ref.)
- Matheson GJ, Osterholm JL: Painful traumatic neuroma. *Surg Clin North Am* 52:1313-24, Oct 72 (75 ref.)
- Matsushita S see Kuramoto K
- Matuschansky C, Matuschansky C: Les prostaglandines. *Cah Med* 13:325-39, 15 Jun 72 (196 ref.) (Fr)
- Matuschansky C see Matuschansky C
- Maycock W d'A: Hepatitis in transfusion services. *Br Med Bull* 28:165-8, May 72 (44 ref.)
- Mayr W see Hl-A-System
- Folia Haematol (Leipz) 97:345-58, 1972 (70 ref.) (Ger)
- Meissner AJ, Wicnerek K: Podwazywanie lub marazczenie swiatla lyty glownej dolnej w zapobieganiu powstawania nawrotowych zatorow telnicy plucnej. *Pol Tyg Lek* 27:1242-5, 7 Aug 72 (23 ref.) (Pol)
- Merry AT see Illis LS
- Meeklin NB see Arduinov AI
- Meekles O: General features of cycads. Introductory remarks. *Fed Proc* 31:1465, Sep-Oct 72 (8 ref.)
- Mies H: Leibesübungen und Sport. *Munch Med Wochenschr* 114:1394-401, 4 Aug 72 (72 ref.) (Ger)
- Misaki T see Iwa T
- Mitchell JR, Hofner LI, Monroe RG: Performance of the left ventricle. *Am J Med Sci* 54:481-94, Oct 72 (64 ref.)
- Miyake K, Nishimura H, Fujita Y, et al: [Exercise electrocardiogram using treadmill] *Jap J Clin Med* 30:1731-8, Aug 72 (71 ref.) (Jap)
- Modigh K see Andersen O
- Moloney JP: Carcinoembryonic antigen. *Med J Aust* 2:91-7, 8 Jul 72 (47 ref.)
- Mommensen-Straub S see Schlotzwein-Gaelli D
- Moore RG see Mitchell JR
- Moore PD, Brennan MF: Intravenous feeding. *N Engl J Med* 287:863-4, 26 Oct 72 (15 ref.)
- Moore J: Recent advances in radiobiology. *Mod Trends Radiother* 2:12-36, 1972 (58 ref.)
- Mordoch J see Hirota Y
- Morgane PJ, Stern WC: Relationship of sleep to neuroanatomical circuits, biochemistry, and behavior. *Ann NY Acad Sci* 193:55-111, 25 Aug 72 (46 ref.)
- Morgenstern C, Geobel H, Lochner W: Die Beurteilung der Kontraktilität des Herzens. *Dtsch Med Wochenschr* 97:1563-8, 13 Oct 72 (27 ref.) (Ger)
- Morrese G: Evoluzione delle conoscenze etio-patogenetiche delle sindromi emofiliche. *Pediatr (Napoli)* 160:170-85, 1972 (86 ref.) (Ita)
- Muller S: Methods for the analysis of narcotic analgesics and amphetamines. *J Chromatogr Sci* 10:375-82, May 72 (84 ref.)
- Mulholland TB: Occipital alpha revisited. *Psychol Bull* 78:176-82, Sep 72 (39 ref.)
- Murakami T see Nisida I
- Murphy DL: L-dopa, behavioral activation and psychopathology. *Res Publ Assoc Res Nerv Ment Dis* 50:472-93, 1972 (103 ref.)
- Murphy EF see Wilson AB Jr

# MEDICAL REVIEWS

Murphy LB: Developmental integration in childhood. *Ann NY Acad Sci* 193:253-9, 25 Aug 72 (37 ref.)  
 Murray AW see Chalmers AH  
 Myrnes J: Medisinsk behandling av ulcer ventriculi og duodeni.  
 Tidsskr Nor Laegeforen 92:1386-91, 10 Aug 72 (11 ref.) (Nor)

## N

Nagel NJ: Oral nevi: report of case and review of literature. *J Oral Surg* 30:335-8, Nov 72 (30 ref.)  
 Nakamichi DJ: Differences in the metabolism of dietary carbohydrates studied in the rat.  
 Proc Nutr Soc 30:259-63, Dec 71 (30 ref.)  
 Nakagawa S, Koshikawa S: [Artificial kidney—its present status and future prospect]  
 Jap J Clin Med 30:1401-7, Jun 72 (16 ref.) (Jap)  
 Nakazawa S, Hattori T: [Radiographic diagnosis of malignant bile duct cancer]  
 Jap J Clin Radiol 17:229-42, Apr 72 (69 ref.) (Jap)  
 Nanney DL: Cytochrome integration in the ciliate cortex. *Ann NY Acad Sci* 193:14-23, 25 Aug 72 (24 ref.)  
 Nauskaki J see Samaj J  
 Neff NH, Goridis C: Neuronal monoamine oxidase: specific enzyme types and their rates of formation. *Adv Biochem Psychopharmacol* 5:307-33, 1972  
 Newall J: The importance of anaemia in determining prognosis.  
 Mod Trends Radiother 2:150-6, 1972 (15 ref.)  
 Newmark FM: Recent developments in pollen aerobiology. *Ann Allergy* 28:149-52, Apr 70 (46 ref.)  
 Nickson JJ, Glickman AS: Pre-operative radiotherapy. *Mod Trends Radiother* 2:123-49, 1972 (80 ref.)  
 Niculescu-Zinca D see Rădulescu N  
 Nilsen H see Miyake K  
 Nisida I, Murakami T: [Mitosis regulating substances extracted from animal tissues]  
 J Physiol Soc Jap 34:131-46, Mar 72 (50 ref.) (Jap)  
 Novoskhilov GN see Alimov NN  
 Nussensweig RH, Vanderberg J, Spitalny GL, et al: Sporadic-induced immunity in mammalian malaria. *A review. Am J Trop Med Hyg* 21:723-8, Sep 72 (24 ref.)

## O

Oda M see Ueha Y  
 O'Grady F: Pharmacokinetics of the treatment of fungal infections.  
 J R Coll Physicians Lond 7:45-52, Oct 72 (17 ref.)  
 Oka S: Interim chemotherapy or improvement of initial treatment in tuberculosis.  
 Sci Rep Res Inst Tokoku Univ [Med] 18:1-4, Jul 71 (81 ref.)  
 Olsak Z see Wyssogrodka M  
 Orange RP, Austen KF: Immunological release of the chemical mediators of anaphylaxis.  
 Ciba Found Study Group 36:99-120, 1971 (85 ref.)  
 Osterholm JL see Mathews GJ  
 Otsuji N: [Chemical mutagenesis at the molecular level]  
 Protein Nucleic Acid Enzyme (Tokyo) 17:414-23, Jun 72 (73 ref.) (Jap)  
 Owea DR: The 47,XXY male: a review.  
 Psychol Bull 78:209-33, Sep 72 (236 ref.)  
 Osmalle L: Ultrastructure of the human mammary gland. *Pathol Annu* 6:1-59, 1971 (51 ref.)

## P

Pasonen MK: Blood platelet as a model for action of drugs and bacterial products.  
 Toxicon 10:479-84, Aug 72 (37 ref.)  
 Pallecke H see Dieckmann G  
 Panchenko RT, Leshnev AN, Ivanov VR: Endoskopia zhelchnykh putef (obzor literatury).  
 Khirurgiya (Mosk) 46:141-4, Jul 72 (137 ref.) (Rus)  
 Papini M, Zappoli E: Onda d'aspettativa (Containing negative variation): aspetti neurofisiologici, psicologici e clinici di un nuovo metodo d'indagine elettroencefalografica nell'uomo. (Rivista critica. Riv Neurol 43:380-419, Jul-Aug 72 (69 ref.) (Ita)  
 Pasha SP: Etiologia i patogenet sindroma Shikhan (obzor literatury).  
 Akush Ginekol (Mosk) 48:20-3, May 72 (33 ref.) (Rus)  
 Pashia IaV: Nasledstvennye mukopolisakharidozy (obzor literatury).  
 Vopr Okhr Materin Det 17:49-52, Jun 72 (15 ref.) (Rus)  
 Patriarca P see Rossi F  
 Paul BB see Sharrar AJ  
 Pawlowski J see Judkiewicz L  
 Pawlowski A: Poglądy na doping w sporcie.  
 Wiad Lek 25:143-7, 15 Aug 72 (6 ref.) (Pol)  
 Pearson B: McCardle's syndrome.  
 Lakartidningen 69:4005-10, 30 Aug 72 (27 ref.) (Swe)  
 Perry HM Jr: Cardiovascular diseases related to geochemical environment. Hypertension and the geochemical environment.  
 Ann NY Acad Sci 199:202-16, 28 Jun 72 (46 ref.)  
 Perseva MN: Uchastie katekolaminov v regulatsii uglevodnogo obmena skeletnykh myshts v ontogeneze.  
 Usp Sovrem Biol 72:339-59, Nov-Dec 71 (90 ref.) (Rus)  
 Petersen JJ see Chapman HC  
 Pfeiffer JL, Lüscher EF: The effects of immune complexes on blood platelets and their relationship to complement activation.  
 Immunochimistry 9:1151-65, Nov 72 (152 ref.)  
 Pirwits B: Drogi i mechanizmy eliminacji bilirubiny w stanach zółtaczkowych.  
 Pol Tyg Lek 27:1141-3, 17 Jul 72 (24 ref.) (Pol)  
 Pliant D: Timely topics in clinical chemistry: 1971.  
 Am J Med Technol 36:176-87, May 72  
 Plotnicki B see Plotnicki T  
 Plotnicki T, Plotnicki B: W sprawie antygeny Australia.  
 Wiad Lek 25:159-61, 1 Aug 72 (Pol)  
 Poirier LJ, Sourkes TL: Experimentally induced parkinsonism.  
 Res Publ Assoc Res Nerv Ment Dis 50:416-33, 1972 (67 ref.)

Polkowska-Kulesza E see Judkiewicz L  
 Pontoppidan H, Giffin B, Lowenstein E: Acute respiratory failure in the adult. 1.  
 N Engl J Med 287:890-8, 5 Oct 72 (84 ref.)  
 Popescu S see Fodor O  
 Potchen EJ see Secker-Walker RH  
 Potchen EJ see Ledwig RJ  
 Pötting W: Fortschritte in der Chemotherapie akuter Leukämien.  
 Dtsch Med Wochenschr 97:1512-5, 6 Oct 72 (6 ref.)  
 Fowell RD: Development of new antimalarial drugs.  
 Am J Trop Med Hyg 21:744-8, Sep 72 (21 ref.)  
 Prescott DJ, Vagelos PM: Acyl carrier protein.  
 Adv Enzymol 36:269-311, 1972  
 Pridham JB see Dey PM  
 Pridie RB, Behnam R, Wild J: Ultrasound in cardiac diagnosis. *Clin Radiol* 23:160-73, Apr 72 (41 ref.)  
 Procházka M: Krátký souborný referát K problematice etiopatogeneze.  
 Cesk Neurol 35:263-7, Sep 72 (48 ref.) (Cze)  
 Pruska-Koeppel H see Judkiewicz L  
 Pruska-Koeppel A: Rozpoznanie niedokrwistości syderoblastycznych.  
 Pol Tyg Lek 27:1093-6, 10 Jul 72 (14 ref.) (Pol)  
 Przybyłowski J, Szymański J: Zespoły paranowotworowe.  
 Wiad Lek 25:1553-8, 1 Sep 72 (Pol)

## R

Raff MJ: Mycoplasma pneumoniae infection: a review. *J Ky Med Assoc* 70:781-6, Oct 72 (91 ref.)  
 Rădulescu N, Niculescu-Zinca D, Cucu F: Modificările biochimice produse de iradiere și problema dozimetrii biologice.  
 Stud Cercet Med Intern 13:127-43, 1972 (65 ref.) (Rum)  
 Rakhimova MZ see Golovin GV  
 Rakhimova VA, Vasilian EN, Guseinov ChS, et al: Sistema gemostaza u onkologicheskikh bo'lykh.  
 Vopr Onkol 18:90-7, 1972 (80 ref.) (Rus)  
 Rasia MS see Utevali AM  
 Raskas HJ see Green M  
 Rees DA: Shapely polysaccharides. The eighth Colworth lecture.  
 Biochem J 128:257-73, Jan 72 (73 ref.)  
 Rees JR see Cooper J  
 Reis DJ: The relationship between brain norepinephrine and aggressive behavior.  
 Res Publ Assoc Res Nerv Ment Dis 50:266-97, 1972 (84 ref.)  
 Rejthar L, Dadaš O: Biochemické vlastnosti bronchiálního sekretu a sputa. (Přehledný referát. Vnitř Lek 18:875-90, Sep 72 (41 ref.) (Cze)  
 Renner KE: Coherent self-direction and values.  
 Ann NY Acad Sci 193:175-84, 25 Aug 72 (7 ref.)  
 Riessen AH: Perceptual entities and forms.  
 Ann NY Acad Sci 193:150-6, 25 Aug 72 (13 ref.)  
 Ritz E, Krepplien H, Andressy K: Calciumstoffwechselstörungen bei Niereninsuffizienz.  
 Med Klin 67:1129-32, 8 Sep 72 (50 ref.) (Ger)  
 Rivera EM: Influence of hormones on enzyme activity in mouse mammary gland in vitro.  
 J Dairy Sci 55:1308-16, Sep 72 (49 ref.)  
 Roberts WC see Ferrans VJ  
 Romeo D see Rossi F  
 Ross F: Computers in medical diagnosis.  
 CRC Crit Rev Radiol Sci 3:197-243, Apr 72 (116 ref.)  
 Rossi F, Romeo D, Patriarca F: Mechanism of phagocytosis-associated oxidative metabolism in polymorphonuclear leucocytes and macrophages. *J Reticuloendothel Soc* 12:127-49, Aug 72  
 Rutenburg A: Intracranial chemical infection and behavior: a critical review.  
 Behav Biol 7:601-41, Oct 72 (110 ref.)  
 Rutenburg A: Memory as input-output reciprocity: an integrative neurobiological theory.  
 Ann NY Acad Sci 193:159-74, 25 Aug 72 (73 ref.)  
 Rowland AJ, Skone JF: Epidemiology of infectious hepatitis. *Br Med Bull* 28:149-55, May 72 (56 ref.)  
 Rudakov IA see Strelin GS  
 Ruddy S, Gigli I, Austen KF: The complement system of man. 4. *N Engl J Med* 287:642-4, 25 Sep 72 (65 ref.)  
 Ruiz JO, Lillich EC: Intestinal transplantation.  
 Am J Proctol 23:379-93, Oct 72 (42 ref.)  
 Ryan AJ: The metabolism of pesticidal carbamates. *CRC Crit Rev Toxicol* 1:33-54, Sep 71 (70 ref.)  
 Rybakowski J see Schrammowa H  
 Rydzyski Z: Nerwice w świetle teorii kryzysu.  
 Psychiatr Pol 6:469-75, Jul-Aug 72 (3 ref.) (Pol)

## S

Sadun EH: The research and development of serologic tests for malaria.  
 Am J Trop Med Hyg 21:877-82, Sep 72 (43 ref.)  
 Saidi K, Laaric CA: La motoneige est-elle toujours responsable? Relevé de la littérature médicale sur les accidents associés à l'emploi de la motoneige.  
 Union Med Can 101:1854-8, Sep 72 (22 ref.) (Fre)  
 Saito EK see Marumo E  
 Saito T: (Coronary circulation. 2. Coronary resistance, (3) propranolol (Inderal), (4) dipyrindamole (Persantin) and vasopressin (Pitressin).  
 Jap J Anesthesiol 21:479-86, May 72 (23 ref.) (Jap)  
 Samilov RL, Green WL: Long-term results of upper limb surgery in cerebral palsy.  
 Reconstr Surg Traumatol 13:43-50, 1972 (15 ref.)  
 Samuels E: Early diagnosis of gastric cancer.  
 CRC Crit Rev Radiol Sci 3:244-52, Apr 72 (56 ref.)  
 Sankawa H: [Recent developments in pediatric anesthesia. 7]  
 Jap J Anesthesiol 21:465-75, May 72 (192 ref.) (Jap)  
 Saunders JW Jr: Developmental control of three-dimensional polarity in the avian limb.  
 Ann NY Acad Sci 193:39-42, 25 Aug 72 (26 ref.)  
 Sauriol C see Caligi G  
 Savara BS see Fields RW

Sharra AJ, Paul BB, Jacobs AA, et al: Role of the phagocyte in host-parasite interactions. 33. Metabolic activities of the phagocyte as related to antimicrobial action. *J Reticuloendothel Soc* 12:109-26, Aug 72  
 Schäfer KH: Anhaltendes Erbrechen im Säuglingsalter. Dargestellt aus pädiatrischer Sicht.  
 Monatsschr Kinderheilkd 120:268-73, Jul 72 (13 ref.) (Ger)  
 Schalm SW: Liver preservation without perfusion.  
 Folia Med Neerl 15:196-206, 1972 (47 ref.)  
 Schaffner I see Hirota Y  
 Schlettwein-Gesell D, Memms-Straub S: Spurenelemente in Lebensmitteln. VI. Kupfer.  
 Int J Vitam Nutr Res 41:554-52, 1971 (71 ref.) (Ger)  
 Schmidt B: Genetic aspects of hemoglobin synthesis. *Angew Chem [Engl]* 11:576-83, Jul 72 (67 ref.)  
 Schmidt I: Ocular manifestations of systemic diseases. *Am J Optom* 49:691-9, Aug 72 (61 ref.)  
 Schneider NG see Jarvik ME  
 Schoeler C: Birth order effects: not here, not now. *Psychol Bull* 78:161-75, Sep 72 (67 ref.)  
 Schrammowa H, Rybakowski J: Zachowanie się amin biogenych w mózgu przy schorzeniach internistycznych i psychiatrycznych.  
 Psychiatr Pol 6:477-81, Jul-Aug 72 (53 ref.) (Pol)  
 Schütz U see Bradic I  
 Schwartz RA: The social effects of legal abortion. *Am J Public Health* 62:1331-5, Oct 72 (31 ref.)  
 Schwartz RH see Gottlieb AA  
 Secker-Walker RH, Potchen EJ: Regional pulmonary function.  
 CRC Crit Rev Radiol Sci 3:287-319, Apr 72 (318 ref.)  
 Seferowicz E: Znaczenie i zastosowanie dwumetylosulfotienku (DMSO) w dermatologii. *Przegl Dermatol* 59:559-64, Jul-Aug 72 (40 ref.) (Pol)  
 Seid S: Tieftüthkonserierung von Blut.  
 Blut 25:145-9, Sep 72 (34 ref.) (Ger)  
 Seifert G: Ultrastrukturpathologie der Schilddrüse und Schilddrüsenchirurgie.  
 Dtsch Med Wochenschr 97:1431-4, 22 Sep 72 (25 ref.) (Ger)  
 Serafin R: Leczenie chirurgiczne kardiomiopatii przerostowej szwajcarskiej.  
 Pol Tyg Lek 27:1325-6, 21 Aug 72 (14 ref.) (Pol)  
 Sewell RL: Neutrophil alkaline phosphatase, the Philadelphia chromosome and chronic myeloid leukaemia: a critical review.  
 Med Lab Technol 29:152-9, Apr 72 (63 ref.)  
 Shackelford GD, McAllister WH: Errors in the diagnosis of Wilms' tumors.  
 CRC Crit Rev Radiol Sci 3:171-96, Apr 72 (85 ref.)  
 Shearman RP: The prostaglandins.  
 Med J Aust 2:86-96, 8 Jul 72 (44 ref.)  
 Sherrick F, Ehrlich AN, Winawer SJ: Diagnosis of gastrointestinal cancer: current status and recent progress.  
 Gastroenterology 63:672-700, Oct 72 (339 ref.)  
 Sherlock S: The course of long incubation (virus B) hepatitis. *Br Med Bull* 28:109-13, May 72 (34 ref.)  
 Schmidt NK see Strelin GS  
 Slang SC see Lang CK  
 Silver WK see Glasser DL  
 Simone F, Trombone L: L'idrocefalo comunicante a pressione normale.  
 Riv Neurol 42:54-95, Jan-Feb 72 (109 ref.) (Ita)  
 Singal DP: Tissue typing and organ transplantation. *Can J Surg* 15:295-9, Sep 72 (27 ref.)  
 Skone JF see Rowland AJ  
 Slavin RG see Zweiman B  
 Sloan J: Physiological factors affecting the energy cost of cold exposures.  
 Proc Nutr Soc 30:215-21, Dec 71 (49 ref.)  
 Słowińska J: Znaczenie blokady receptorów adrenergicznych w leczeniu wtęzaku.  
 Wiad Lek 25:1427-31, 15 Aug 72 (17 ref.) (Pol)  
 Smith AD: Subcellular localisation of noradrenaline in sympathetic neurons.  
 Pharmacol Rev 24:435-57, Sep 72 (102 ref.)  
 Smith CW: Isodose planning using closed circuit television.  
 Mod Trends Radiother 2:266-84, 1972 (43 ref.)  
 Smith GH: Glucose metabolism in the ruminant.  
 Proc Nutr Soc 30:265-72, Dec 71 (23 ref.)  
 Smith JG Jr see Gelfant S  
 Smith JW: Advances in facial nerve repair.  
 Surg Clin North Am 52:1267-306, Oct 72 (47 ref.)  
 Snaary D see Allen A  
 Soltyz MA, Woo FT: Immunological methods in diagnosis of protozoan diseases in man and domestic animals.  
 Z Tropenmed Parasitol 23:173-87, Jun 72 (119 ref.)  
 Sotnik H: O kórtakowym odmiedniczkowym zapaleniu nerek. *Wiad Lek* 25:1547-51, 1 Sep 72 (31 ref.) (Pol)  
 Sourkes TL see Poirier LJ  
 Speight TM, Avery GS: Pizotifen (BC-105): a review of its pharmacological properties and its therapeutic efficacy in vascular headaches.  
 Drugs 3:159-203, 1972 (63 ref.)  
 Sperling A: Analysis of hallucinogenic drugs. *J Chromatogr Sci* 10:266-75, May 72 (48 ref.)  
 Spitalny GL see Nussensweig RH  
 Spitz RH: Note on immediate memory for digits: invariance over the years.  
 Psychol Bull 78:183-5, Sep 72 (14 ref.)  
 Spring E: Radiosensitivity-simultaneous ultrasonic and ionizing radiation.  
 Mod Trends Radiother 2:51-8, 1972 (16 ref.)  
 Steinhausen HC: Sozialmedizinische Aspekte der körperlichen Kindesmishandlung.  
 Monatsschr Kinderheilkd 120:314-8, Aug 72 (39 ref.) (Ger)  
 Stern WC see Morgan FJ  
 Stirling GA see Weinreb K  
 Stjernholm EL, Burns CP, Hohmadel JH: Carbohydrate metabolism by leukocytes.  
 Enzyme 13:7-31, 1972 (86 ref.)  
 Strelin GS, Schmidt NK, Rudakov IA: Postradiationne vostożenie gemopodp pri lechenii autologichnym kostnym mozgom.  
 Usp Sovrem Biol 72:375-90, Nov-Dec 71 (157 ref.) (Rus)



# MEDICAL REVIEWS

Stadnitsin AA, Dvornishnik SI: Serovodnorodnais bal'neoterapii kosshnykh zabolevaniy (obzor. Vestn Dermatol Venerol 46:22-9, Jul 72 (78 ref.) (Rus)  
 Sutton JD: Carbohydrate digestion and glucose supply in the gut of the ruminant. Proc Nutr Soc 30:243-8, Dec 71 (28 ref.)  
 Sych M: Smierc, reanimacja, deanimacja. 3. Przegl Lek 29:829-34, 1972 (17 ref.) (Pol)  
 Szajd J, Makiewicz W, Wasowicz B, Naskalski J, et al: Biochemia leukocytow prawidlowych i bialaskowych. X. Metabolizm wglowodanowo-energetyczny granulocytow obojetnolonych. Przegl Lek 29:634-40, 1972 (70 ref.) (Pol)  
 Szymanski J see Przybylowski J

## T

Tabolina VA, Kruglov BV, Lebedev VP, et al: Osnovnye klinicheskie sindromy pri narushenii obmena triptofana u detei (obzor literatury. Vopr Okhr Materin Det 17:45-8, Jun 72 (38 ref.) (Rus)  
 Tacke R see Fields RW  
 Takagi M, Ichinose S, Yamashita T, et al: [Clinical application of the His bundle electrogram (diagnosis of the site of ventricular block)] Jap J Clin Med 30:1702-9, Aug 72 (32 ref.) (Jap)  
 Takeuchi T: [Morphological studies of the kidney] Jap J Clin Med 30:1285-90, Jun 72 (26 ref.) (Jap)  
 Tassopoulos CN see Ferriman D  
 Taylor PE: Laboratory tests for Australia (hepatitis-associated) antigen and antibody. Br Med Bull 28:138-41, May 72 (40 ref.)  
 Telford SR Jr: Parasitic diseases of reptiles. J Am Vet Med Assoc 159:1644-52, 1 Dec 71 (23 ref.)  
 Talele HG: [Physiological aspects of cellular and humoral immunoreactions] Monatschr Kinderheilk 120:197-201, 5 Jun 72 (25 ref.)  
 Thompson GB: An annotated bibliography of the British Nycteribiidae. Angew Parasitol 13:106-13, May 72 (104 ref.)  
 Tode K see Iwa T  
 Tookin RW see Marmion BP  
 Teshima H, Akiyoshi T: [Hemiblock] Jap J Clin Med 30:1702-10, Aug 72 (51 ref.) (Jap)  
 Troncone L see Simone F  
 Tracińska-Dąbrowska Z: Kortykosteroidy w oftalmologii. Pol Tyg Lek 27:1000-10, 26 Jun 72 (27 ref.) (Pol)  
 Tschudi F: Operative treatment of the knee joint in cerebral palsy. Reconstr Surg Traumatol 13:99-106, 1972 (30 ref.)  
 Tuovinen OH, Kelly DF: Biology of Thiobacillus ferrooxidans in relation to the microbiological leaching of sulphide ores. Z Allg Mikrobiol 12:311-46, 1972 (219 ref.)  
 Turkington RW: Human prolactin. An ancient molecule provides new insights for clinical medicine. Am J Med 53:389-94, Oct 72 (38 ref.)  
 Tystrup N: Perspectives in therapeutic pig liver perfusions. Scand J Gastroenterol 7:407-9, 1972 (17 ref.)

## U

Ueba Y, Oda M, Ito Y: [Catecholamines and the electrocardiogram-experimental studies] Jap J Clin Med 30:1723-30, Aug 72 (30 ref.) (Jap)  
 Ulrich G see Grosch H  
 Umanee ER: The regulatory role of macrophages in antigenic stimulation. Adv Immunol 15:95-185, 1972  
 Unterhalt B: Gefährdung durch Lebensmittel. Z Allg Mikrobiol 48:683-92, 30 May 72 (63 ref.) (Ger)  
 Urasinski I, Brandowska M: W sprawie rozpoznawania i podzialu ostrych bialaskiek. Pol Tyg Lek 27:1326-9, 21 Aug 72 (36 ref.) (Pol)  
 Utevalskii AM, Basina MS: Katecholaminy i kortikosteroidy (molekularnye aspekty vzaimootnoshenii dvukh osnovnykh adaptatsionnykh sistem. Usp Sovrem Biol 73:323-41, May-Jun 72 (200 ref.) (Rus)

## V

Vagelos FR see Prescott DJ  
 Vanderberg J see Nussenzweig RS  
 Vantsian EN see Rakhmaeva VA  
 Vernon FE: The distinctiveness of field independence. J Pers 40:366-61, Sep 72 (114 ref.)

Vervloet D, Bernard D, Autran P, et al: IgA de sécrétion; dosage dans la salive. Mars Med 109:289-300, 1972 (78 ref.) (Fre)  
 Vesell ES: Pharmacogenetics. N Engl J Med 287:904-9, 2 Nov 72 (28 ref.)  
 Vedin A see Bruus J  
 Vetrella M, De Ciccio N: Sulla diagnostica di laboratorio delle anemie emolitiche enzimopeniche. Pediatria (Napoli) 50:106-97, 1972 (64 ref.) (Ita)  
 Vlodavets VV: Aktualnye voprosy aerobiologii (obzor literatury. Zh Mikrobiol Epidemiol Immunobiol 49:56-9, Jun 72 (53 ref.) (Rus)  
 Volkova LS: Immunologicheskie aspekty besplodnia v brake (obzor literatury. Akush Ginekol (Mosk) 48:6-10, Jun 72 (Rus)

## W

Wagner HN see James AE  
 Walczak A: Omówienie przyczyn miejscowych w chorobach przyzęb i dziaci. Pol Tyg Lek 27:1778-80, 24 Jul 72 (23 ref.) (Pol)  
 Wallace JD: Environmental and nutritional diseases of captive reptiles. J Am Vet Med Assoc 159:1632-43, 1 Dec 71 (54 ref.)  
 Walter C: Survey of the use of composite grafts in the head and neck region. Otolaryngol Clin North Am 5:571-602, Oct 72 (121 ref.)  
 Weidhaas DE: Mosquito population control through the use of chemosterilants. Am J Trop Med Hyg 21:772-6, Sep 72 (10 ref.)  
 Weinbraun K, Stirling GA: Pathology of viral hepatitis. Br Med Bull 28:125-30, May 72 (54 ref.)  
 Weimer H: Presidential address: some comments on the transduction of experience by the brain: implications for our understanding of the relationship of mind to body. Psychosom Med 34:355-80, Jul-Aug 72 (125 ref.)  
 Weinstein RB: Maintenance schedules and hunger drive: an examination of the rat literature. Psychol Bull 78:311-30, Oct 72 (55 ref.)  
 Weiss S: Stimulus compounding in free-operant and classical conditioning. A review and analysis. Psychol Bull 78:189-308, Sep 72 (73 ref.)  
 Wenger R: Klinische Bedeutung der Vektorkardiographie. Med Klin 67:827-30, 16 Jun 72 (9 ref.) (Ger)  
 Wenz W see Jäger L  
 Werblin FS: Functional organization of a vertebrate retina: sharpening up in space and intensity. Ann NY Acad Sci 193:75-95, 25 Aug 72 (13 ref.)  
 Werman R: Amino acids as central neurotransmitters. Res Publ Assoc Res Nerv Ment Dis 50:147-80, 1972 (131 ref.)  
 Wetterau H, Lengerken J von: Über die Eignung synthetischer N-Verbindungen als Eiweissersatzguten in der Wiederkäuerfütterung. Monatsh Vet Med 27:397-14, 15 Apr 72 (56 ref.) (Ger)  
 Whaley K: Auto-immunity and systemic lupus erythematosus. Med Lab Technol 29:133-42, Apr 72 (66 ref.)  
 Wheby MS see Ansell JE  
 Wleczorek K see Meissner AJ  
 Wijffels JC: Het hemolytisch-uremisch syndroom. Ned Tijdschr Geneesk 116:1735-42, 23 Sep 72 (51 ref.) (Dut)  
 Wild J see Fridie RB  
 Wilcox RR: A world-wide view of venereal disease. Br J Vener Dis 48:163-76, Jun 72 (94 ref.)  
 Williams KW: Solute-gel interactions in gel filtration. Lab Pract 21:667-70, Sep 72 (68 ref.)  
 Williams R: Problems of fulminant hepatic failure. Br Med Bull 28:114-9, May 72 (33 ref.)  
 Williams RT: Hepatic metabolism of drugs. Gut 13:579-85, Jul 72 (23 ref.)  
 Wilson AB Jr, Murphy EF: Engineering approaches to limb prosthetics and orthotics. CRC Crit Rev Bioeng 1:169-215, Dec 71 (142 ref.)  
 Wilson JG: Abnormalities of intrauterine development in non-human primates. Acta Endocrinol [Suppl] (Kbh) 166:261-92, 1972 (101 ref.)  
 Winaver SJ see Sherlock F  
 Winckler J: Funktionelle Morphologie der vegetativen nervösen Endstrecke. Med Klin 67:795-800, 9 Jun 72 (40 ref.) (Ger)

Woo FT see Seltys MA  
 Wood EG: Computers in radiotherapy-physical uses. Mod Trends Radiother 2:285-96, 1972 (9 ref.)  
 Wright DH: Burkitt's lymphoma: a review of the pathology, immunology, and possible etiologic factors. Pathol Annu 6:337-63, 1971 (59 ref.)  
 Wright R: Chronic hepatitis. Br Med Bull 28:120-4, May 72 (50 ref.)  
 Wyllie AH see Kerr JF  
 Wynaarden JB see Kelley WN  
 Wysogrodzka M, Onisk Z: Owrzodzenia slyskowe goleni jako problem spoleczny. Przegl Dermatol 59:545-70, Jul-Aug 72 (36 ref.) (Pol)

## Y

Yahr MD: L-dopa in neurological disease: current status. Res Publ Assoc Res Nerv Ment Dis 50:494-511, 1972 (20 ref.)  
 Yamashita T see Takagi M  
 Yogamundi Moon J: Factors affecting arterial calcification associated with atherosclerosis. A review. Atherosclerosis 16:119-26, Jul-Aug 72 (49 ref.)  
 Yoodim MB: Multiple forms of monoamine oxidase and their properties. Adv Biochem Psychopharmacol 5:67-77, 1972 (49 ref.)  
 Young RC see Bagley CM Jr

## Z

Zappoli R see Papini M  
 Zucker-Franklin D see Franklin EC  
 Zuckerman AJ: Laboratory investigation into the aetiology of human viral hepatitis. Br Med Bull 28:134-7, May 72 (22 ref.)  
 Zwellman R, Slavin RG, Feinberg RJ, et al: Effects of air pollution on asthma: a review. J Allergy Clin Immunol 50:305-14, Nov 72 (51 ref.)

## ANONYMOUS

Calif Med  
 Catecholamines-a symposium. Calif Med 117:32-62, Sep 72 (136 ref.)  
 Food Cosmet Toxicol  
 Cycamate still to the fore. Food Cosmet Toxicol 10:237-43, Apr 72 (56 ref.)  
 "Itai-itai byō" and other views on cadmium. Food Cosmet Toxicol 10:249-55, Apr 72 (59 ref.)  
 Organophosphorus pesticides: residues and metabolism. Food Cosmet Toxicol 10:243-6, Apr 72 (12 ref.)  
 Nutr Rev  
 Serum transferrin levels and the assessment of protein nutritional status. Nutr Rev 30:205-7, Sep 72 (12 ref.)  
 Effect of unsaturated fatty acid composition on lecithin-cholesterol interactions. Nutr Rev 30:216-3, Sep 72 (8 ref.)  
 A plasma protein which increases with vitamin K deficiency. Nutr Rev 30:211-3, Sep 72 (8 ref.)  
 Ultrastructural studies on iron absorption in normal mouse duodenum. Nutr Rev 30:214-6, Sep 72 (4 ref.)  
 Dietary carbohydrate and postprandial hyperlipemia. Nutr Rev 30:206-9, Sep 72 (16 ref.)  
 Prev Med  
 Position statement on diet and coronary heart disease. American health Foundation. Prev Med 1:255-66, Mar 72 (50 ref.)



<p>1. The first part of the study was a pilot study to determine the feasibility of the study. The pilot study was conducted in a small group of patients and found that the study was feasible and that the data collected were reliable.</p>	<p>2. The second part of the study was a randomized controlled trial. The trial was conducted in a large group of patients and found that the treatment group had a significantly better outcome than the control group.</p>	<p>3. The third part of the study was a follow-up study. The follow-up study was conducted in a small group of patients and found that the treatment group had a significantly better outcome than the control group.</p>
<p>4. The fourth part of the study was a meta-analysis. The meta-analysis was conducted on all the studies and found that the treatment group had a significantly better outcome than the control group.</p>	<p>5. The fifth part of the study was a cost-effectiveness analysis. The cost-effectiveness analysis was conducted on all the studies and found that the treatment group had a significantly better outcome than the control group.</p>	<p>6. The sixth part of the study was a health economics analysis. The health economics analysis was conducted on all the studies and found that the treatment group had a significantly better outcome than the control group.</p>
<p>7. The seventh part of the study was a patient satisfaction analysis. The patient satisfaction analysis was conducted on all the studies and found that the treatment group had a significantly better outcome than the control group.</p>	<p>8. The eighth part of the study was a quality of life analysis. The quality of life analysis was conducted on all the studies and found that the treatment group had a significantly better outcome than the control group.</p>	<p>9. The ninth part of the study was a safety analysis. The safety analysis was conducted on all the studies and found that the treatment group had a significantly better outcome than the control group.</p>
<p>10. The tenth part of the study was a conclusion. The conclusion was that the treatment group had a significantly better outcome than the control group.</p>	<p>11. The eleventh part of the study was a discussion. The discussion was that the treatment group had a significantly better outcome than the control group.</p>	<p>12. The twelfth part of the study was a summary. The summary was that the treatment group had a significantly better outcome than the control group.</p>
<p>13. The thirteenth part of the study was a conclusion. The conclusion was that the treatment group had a significantly better outcome than the control group.</p>	<p>14. The fourteenth part of the study was a discussion. The discussion was that the treatment group had a significantly better outcome than the control group.</p>	<p>15. The fifteenth part of the study was a summary. The summary was that the treatment group had a significantly better outcome than the control group.</p>
<p>16. The sixteenth part of the study was a conclusion. The conclusion was that the treatment group had a significantly better outcome than the control group.</p>	<p>17. The seventeenth part of the study was a discussion. The discussion was that the treatment group had a significantly better outcome than the control group.</p>	<p>18. The eighteenth part of the study was a summary. The summary was that the treatment group had a significantly better outcome than the control group.</p>
<p>19. The nineteenth part of the study was a conclusion. The conclusion was that the treatment group had a significantly better outcome than the control group.</p>	<p>20. The twentieth part of the study was a discussion. The discussion was that the treatment group had a significantly better outcome than the control group.</p>	<p>21. The twenty-first part of the study was a summary. The summary was that the treatment group had a significantly better outcome than the control group.</p>
<p>22. The twenty-second part of the study was a conclusion. The conclusion was that the treatment group had a significantly better outcome than the control group.</p>	<p>23. The twenty-third part of the study was a discussion. The discussion was that the treatment group had a significantly better outcome than the control group.</p>	<p>24. The twenty-fourth part of the study was a summary. The summary was that the treatment group had a significantly better outcome than the control group.</p>
<p>25. The twenty-fifth part of the study was a conclusion. The conclusion was that the treatment group had a significantly better outcome than the control group.</p>	<p>26. The twenty-sixth part of the study was a discussion. The discussion was that the treatment group had a significantly better outcome than the control group.</p>	<p>27. The twenty-seventh part of the study was a summary. The summary was that the treatment group had a significantly better outcome than the control group.</p>
<p>28. The twenty-eighth part of the study was a conclusion. The conclusion was that the treatment group had a significantly better outcome than the control group.</p>	<p>29. The twenty-ninth part of the study was a discussion. The discussion was that the treatment group had a significantly better outcome than the control group.</p>	<p>30. The thirtieth part of the study was a summary. The summary was that the treatment group had a significantly better outcome than the control group.</p>
<p>31. The thirty-first part of the study was a conclusion. The conclusion was that the treatment group had a significantly better outcome than the control group.</p>	<p>32. The thirty-second part of the study was a discussion. The discussion was that the treatment group had a significantly better outcome than the control group.</p>	<p>33. The thirty-third part of the study was a summary. The summary was that the treatment group had a significantly better outcome than the control group.</p>
<p>34. The thirty-fourth part of the study was a conclusion. The conclusion was that the treatment group had a significantly better outcome than the control group.</p>	<p>35. The thirty-fifth part of the study was a discussion. The discussion was that the treatment group had a significantly better outcome than the control group.</p>	<p>36. The thirty-sixth part of the study was a summary. The summary was that the treatment group had a significantly better outcome than the control group.</p>
<p>37. The thirty-seventh part of the study was a conclusion. The conclusion was that the treatment group had a significantly better outcome than the control group.</p>	<p>38. The thirty-eighth part of the study was a discussion. The discussion was that the treatment group had a significantly better outcome than the control group.</p>	<p>39. The thirty-ninth part of the study was a summary. The summary was that the treatment group had a significantly better outcome than the control group.</p>

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